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Ohio Labor Market Information

Labor Market Review

April 1988

Summary. The seasonally adjusted unemployment rate in Ohio was 6.3 percent in April, down from 7.7 percent in March. The U.S. rate declined slightly, from 5.6 percent in March to 5.4 percent in April. Ohio's civilian labor force fell 92,000, to 5,277,000. There were 79,000 fewer jobless Ohioans in April. Seasonally adjusted nonfarm wage and salary employment rose 2,000 from March, to 4,669,000 in April. (See page 3.)

Factory Employment. Settlement of a labor-management dispute in durable-goods industries helped raise Ohio's manufacturing employment 4,000, to 1,100,000 in April. Durable goods, at 737,000, increased 5,000, while nondurable-goods employment slipped 1,000, to 363,000.

Nonmanufacturing. Seasonally adjusted nonmanufacturing employment in Ohio totaled 3,569,000 in April, down 2,000 from March. Retail trade fell 3,000 and construction declined 2,000. These losses were partially offset by small increases in transportation and public utilities, finance, insurance, and real estate, and services.

Over the Year. From April 1987 to April 1988, Ohio's unemployment rate dropped from 7.3 percent to 6.3 percent. Total employment increased 91,000 while the number of unemployed workers fell 50,000. The national unemployment rate declined from 6.3 percent to 5.4 percent over the year. Nonagricultural payroll employment was 117,000 above the April 1987 level. Employment in services rose 45,000, retail trade increased 27,000, and construction was up 18,000. All other nonmanufacturing divisions had increased employment except mining, which was 1,000 lower. Manufacturing employment advanced 4,000 from April 1987, due to gains in nondurable-goods industries.

Factory Hours and Earnings. The average weekly earnings of production workers in Ohio's manufacturing industries increased $11.57 from March, to an all-time high of $520.13 in April. Their average workweek of 43.2 hours was .5 hours longer. Nearly every industry had higher earnings in April due to more overtime and wage-rate increases. The most significant were motor vehicles and equipment, miscellaneous plastics products, nonferrous rolling and drawing, and metal forgings and stampings.

Benefits and Costs. Initial claims filed under the Ohio Unemployment Compensation Law numbered 38,395 in April, down 17.9 percent from March, and down 30.0 percent from April 1987. Total benefits paid declined 30.1 percent, to $57.1 million. The average benefit check of $155.71 was $1.24 lower. The average weekly number of benefit recipients fell 22.3 percent, to 89,215. At the end of April, there were 200,411 active employer accounts.

Ohio Bureau of Employment Services

Richard F. Celeste, Governor Grace Kilbane, Acting Administrator

Employment Service. The Ohio Bureau of Employment Services helped 34,539 new job applicants in April, down 15.2 percent from March, and down 18.9 percent from April 1987. The number of job openings, at 13,022, was up 4.8 percent. The Employment Services Division made 24,512 job referrals and 5,565 placements.

JOB TRAINING PARTNERSHIP AND YOUR BUSINESS

JTP-Ohio is a state job training program under the Job Training Partnership Act (JTPA). The federal law, JTPA, provides states with funds to help youths and adults who are unemployed, dislocated, or have other barriers to employment, train for jobs and become employed.

There are three basic program classifications under JTPA.

* Training and retraining for economically disadvantaged youths and adults are created under Title II-A.
* Summer employment programs for youths are authorized under Title II-B.
* Programs to serve dislocated workers whose jobs are lost through plant closings, permanent layoffs, or other causes beyond their control, are authorized under Title III.

For further information about JTP-Ohio, contact your local Ohio Bureau of Employment Services office, JTPA office, Private Industry Council or the state JTP-Ohio office at (614) 466-3817.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Apr. 1988	Mar. 1988	Apr. 1987	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,277	5,369	5,236	-92	41	-1.7	0.8
Employment	4,945	4,958	4,854	-13	91	-0.3	1.9
Unemployment	332	411	382	-79	-50	-19.2	-13.1
Unemployment Rate	6.3	7.7	7.3				
Employer Survey Data[e]							
Total	4,669	4,667	4,552	2	117	0.0	2.6
Manufacturing	1,100	1,096	1,096	4	4	0.4	0.4
Durable Goods	737	732	738	5	-1	0.7	-0.2
Nondurable Goods	363	364	357	-1	6	-0.2	1.6
Nonmanufacturing	3,569	3,572	3,457	-2	113	-0.1	3.3
Mining	20	20	21	0	-1	0.5	-4.7
Construction	191	192	173	-2	18	-0.9	10.3
Transportation and Public Utilities	209	208	206	1	3	0.3	1.3
Wholesale Trade	254	254	247	0	7	0.2	3.0
Retail Trade	867	870	841	-3	27	-0.3	3.2
Finance, Insurance, and Real Estate	250	249	241	1	9	0.4	3.8
Services	1,085	1,084	1,040	1	45	0.1	4.3
Government	693	694	687	-1	6	-0.1	0.8
Goods Producing Industries[f]	1,311	1,308	1,290	3	21	0.2	1.6
Service Producing Industries[g]	3,358	3,359	3,262	-1	96	-0.0	2.9

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f]Includes Mining, Construction, and Manufacturing. [g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
					1986
5,243	4,816	427	8.1	7.1	April
5,180	4,773	407	7.9	7.2	May
5,197	4,746	451	8.7	7.1	June
5,200	4,777	423	8.1	7.0	July
5,194	4,773	421	8.1	6.9	August
5,174	4,737	437	8.4	7.0	September
5,230	4,813	417	8.0	6.9	October
5,265	4,868	397	7.5	6.9	November
5,275	4,854	421	8.0	6.7	December
					1987
5,276	4,849	427	8.1	6.7	January
5,295	4,850	445	8.4	6.6	February
5,237	4,838	399	7.6	6.5	March
5,236	4,854	382	7.3	6.3	April
5,277	4,884	393	7.4	6.3	May
5,251	4,874	377	7.2	6.1	June
5,252	4,886	366	7.0	6.0	July
5,234	4,873	361	6.9	6.0	August
5,181	4,891	290	5.6	5.9	September
5,215	4,900	315	6.0	6.0	October
5,263	4,945	318	6.0	5.9	November
5,264	4,937	327	6.2	5.8	December
					1988
5,330	4,983	347	6.5	5.8	January
5,355	5,013	342	6.4	5.7	February
5,369	4,958	411	7.7	5.6	March
5,277	4,945	332	6.3	5.4	April

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural	Manufacturing			
		Durable	Nondurable	
				1986
4,458	1,117	760	357	April
4,463	1,112	755	356	May
4,464	1,112	755	357	June
4,472	1,108	751	357	July
4,481	1,107	750	357	August
4,484	1,098	742	356	September
4,495	1,098	740	358	October
4,509	1,102	744	358	November
4,521	1,103	745	357	December
				1987
4,532	1,096	740	356	January
4,549	1,099	742	357	February
4,552	1,093	737	356	March
4,552	1,096	738	357	April
4,560	1,094	736	357	May
4,568	1,092	735	357	June
4,567	1,082	725	358	July
4,589	1,095	734	360	August
4,597	1,097	737	360	September
4,610	1,097	736	361	October
4,626	1,100	738	362	November
4,639	1,103	739	364	December
				1988
4,654	1,104	739	366	January
4,665	1,102	737	364	February
4,667	1,096	732	364	March
4,669	1,100	737	363	April

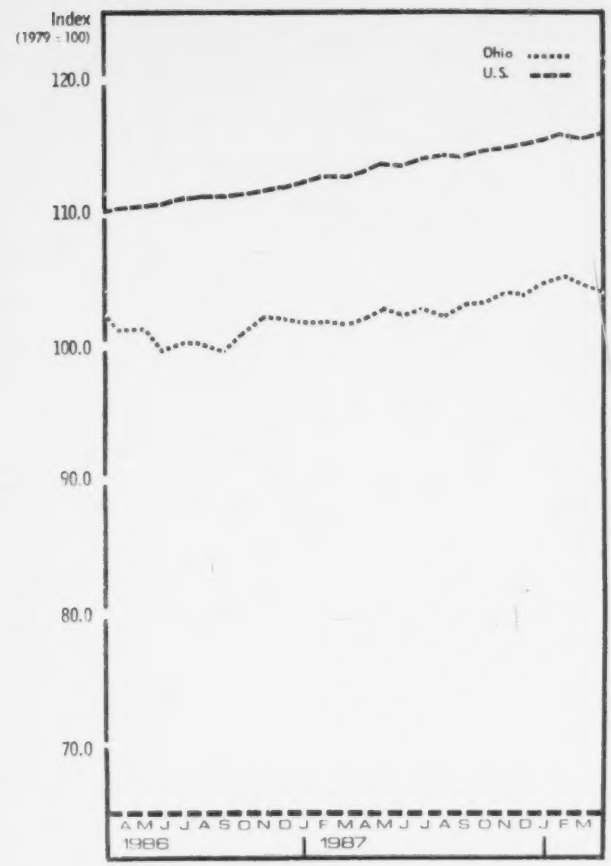
Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

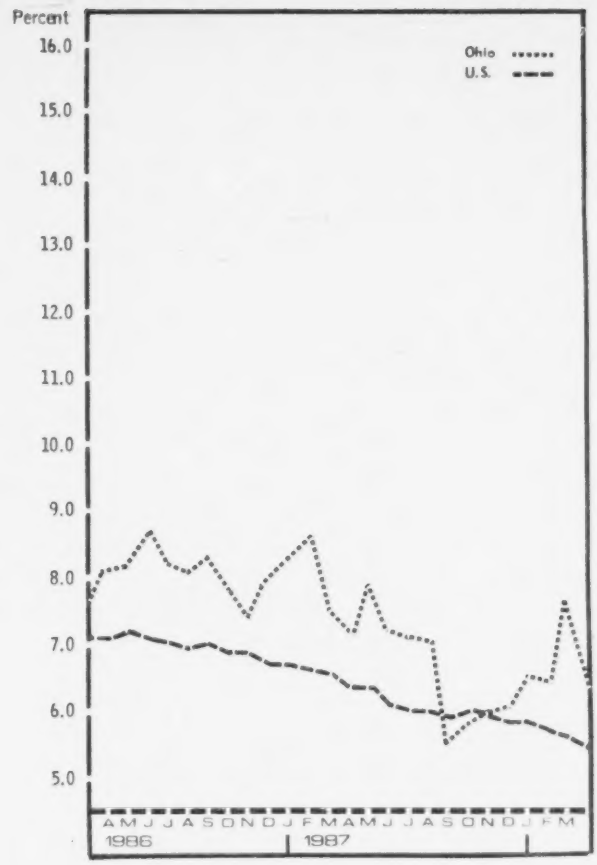
Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
					1986				
3,342	23	161	203	244	April	813	229	990	677
3,351	23	161	203	244	May	815	231	996	679
3,352	22	160	198	244	June	818	232	998	679
3,364	22	160	204	244	July	820	233	1006	676
3,374	22	161	204	244	August	823	234	1009	678
3,385	21	161	204	244	September	825	235	1012	683
3,397	22	163	205	244	October	827	237	1017	683
3,406	22	164	206	244	November	828	238	1023	682
3,418	22	166	206	244	December	830	239	1028	684
					1987				
3,436	22	173	206	245	January	836	239	1029	686
3,451	22	174	206	246	February	842	240	1035	686
3,459	21	175	206	246	March	845	241	1038	687
3,457	21	173	206	247	April	841	241	1040	687
3,467	21	174	207	248	May	844	242	1044	687
3,476	21	175	207	248	June	845	243	1049	688
3,484	21	176	207	249	July	847	244	1054	686
3,494	21	177	207	250	August	850	245	1057	688
3,500	21	178	207	251	September	852	245	1060	686
3,514	20	180	208	251	October	855	246	1064	690
3,526	20	182	207	252	November	857	246	1069	692
3,536	20	185	208	253	December	859	247	1072	693
					1988				
3,550	20	191	208	253	January	864	248	1075	689
3,563	20	192	207	254	February	869	249	1079	692
3,572	20	192	208	254	March	870	249	1084	694
3,569	20	191	209	254	April	867	250	1085	693

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

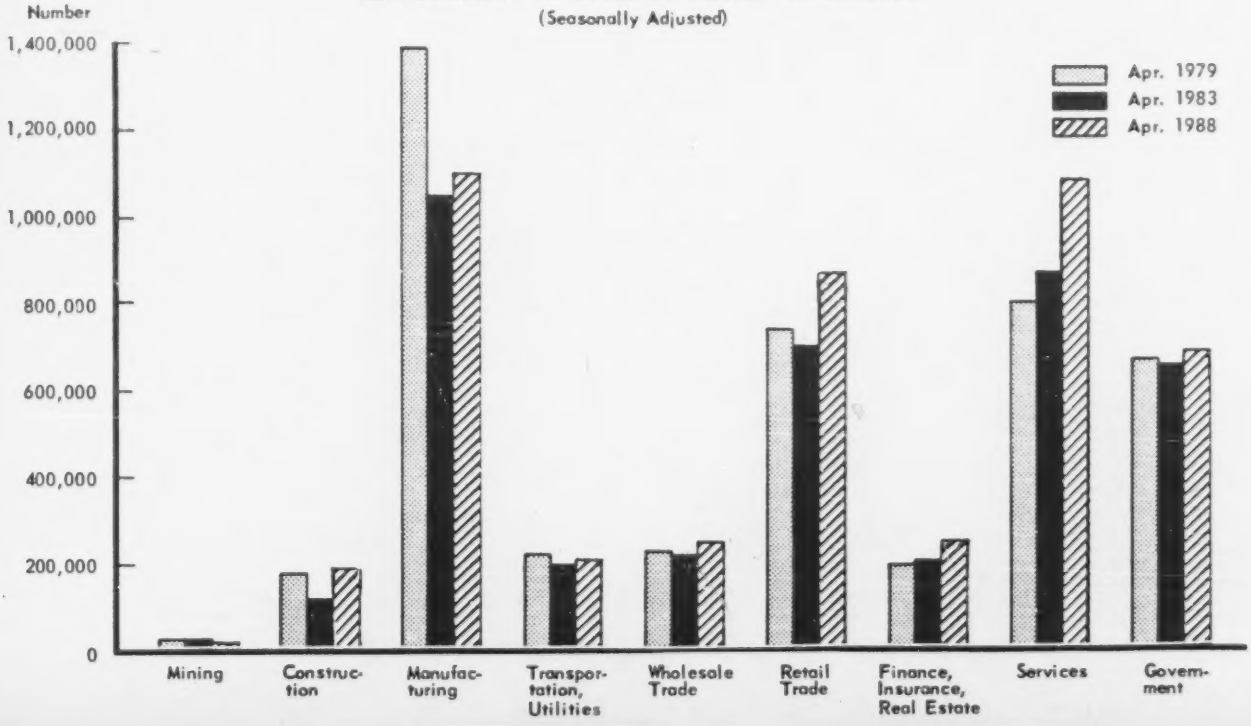
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
4,833	4,520	312	6.5	7.1	1977
4,959	4,690	268	5.4	6.1	1978
5,059	4,760	299	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,135	4,680	455	8.9	7.2	1985
5,231	4,806	425	8.1	7.0	1986
5,248	4,881	367	7.0	6.2	1987
					1987
5,215	4,847	368	7.1	6.2	April
5,275	4,903	372	7.1	6.1	May
5,307	4,922	385	7.3	6.3	June
5,341	4,982	359	6.7	6.1	July
5,289	4,924	365	6.9	5.8	August
5,190	4,903	288	5.5	5.7	September
5,243	4,940	302	5.8	5.7	October
5,285	4,980	305	5.8	5.6	November
5,259	4,937	322	6.1	5.4	December
					1988
5,258	4,883	375	7.1	6.3	January
5,279	4,905	374	7.1	6.2	February
5,295	4,879	416	7.9	5.9	March
5,257	4,941	316	6.0	5.3	April

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural				
	Manufacturing			
		Durable	Nondurable	
4,230.1	1,344.1	945.2	398.9	1977
4,394.9	1,377.2	974.5	402.7	1978
4,484.8	1,382.3	980.5	401.8	1979
4,367.4	1,264.3	882.6	381.8	1980
4,317.7	1,232.6	860.4	372.2	1981
4,124.3	1,099.9	752.4	347.5	1982
4,092.5	1,066.0	723.6	342.4	1983
4,260.2	1,127.0	773.4	353.6	1984
4,372.9	1,124.3	768.7	355.5	1985
4,471.4	1,109.8	752.7	357.1	1986
4,578.9	1,095.3	736.4	358.9	1987
				1987
4,539.2	1,093.1	738.4	354.6	April
4,591.6	1,094.9	738.7	356.2	May
4,611.6	1,097.6	739.1	358.5	June
4,572.3	1,084.3	725.5	358.8	July
4,591.0	1,097.5	733.6	363.9	August
4,641.3	1,108.3	742.1	366.2	September
4,658.8	1,099.8	736.4	363.4	October
4,674.2	1,103.7	740.2	363.6	November
4,676.9	1,102.9	738.6	364.3	December
				1988
4,565.8	1,094.5	732.6	361.9	January
4,568.8	1,092.4	732.3	360.1	February
4,595.8	1,088.8	729.0	359.7	March
4,655.8	1,098.1	737.7	360.4	April

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
2,886.0	29.1	162.8	219.1	214.6	1977	703.2	183.4	731.4	642.3
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.6	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,248.6	26.1	154.0	202.7	243.7	1985	787.9	219.3	949.5	665.2
3,361.6	22.6	160.7	203.4	244.3	1986	818.6	232.3	1,001.0	678.9
3,483.6	20.9	177.0	206.9	248.7	1987	847.7	243.1	1,051.2	688.1
					1987				
3,446.2	20.7	162.2	204.8	246.2	April	830.8	240.0	1,041.3	700.2
3,496.7	20.7	175.4	207.0	248.2	May	845.8	241.8	1,053.7	704.2
3,514.0	21.1	184.4	208.5	250.4	June	851.5	244.7	1,065.9	687.5
3,488.0	21.1	192.7	208.6	250.6	July	852.8	246.8	1,068.2	647.1
3,493.5	21.1	196.8	209.1	251.1	August	858.1	247.2	1,068.6	641.4
3,533.0	21.4	196.4	209.3	251.2	September	861.1	246.1	1,074.7	672.7
3,559.0	20.7	198.6	210.0	252.4	October	862.3	245.7	1,070.4	698.9
3,570.4	20.8	192.7	209.6	252.2	November	873.9	246.2	1,067.5	707.6
3,573.9	20.5	182.9	209.6	252.8	December	887.8	246.7	1,064.7	708.9
					1988				
3,471.3	20.1	163.5	203.3	250.9	January	846.2	245.9	1,047.8	693.6
3,476.4	19.7	158.9	202.3	250.8	February	838.0	246.4	1,056.5	703.7
3,507.1	19.5	165.5	204.5	251.6	March	843.1	247.1	1,066.9	708.9
3,557.7	19.7	178.9	207.4	253.6	April	857.1	249.1	1,086.1	705.8

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio[a]

Manufacturing Employment
(in thousands)

Manufacturing				**Production Workers in Manufacturing**		
	Durable Goods	Nondurable Goods		Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1,344.1	945.2	398.9	1977	958.0	$271.2	40.2
1,377.2	974.5	402.7	1978	985.5	302.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.3	882.6	381.8	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,066.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.5	362.3	33.1
1,124.3	768.7	355.5	1985	773.4	369.7	32.5
1,109.8	752.7	357.1	1986	758.5	369.1	31.9
1,095.3	736.4	358.9	1987	748.5	374.0	31.9
			1987			
1,093.1	738.4	354.6	April	746.8	368.2	31.4
1,094.9	738.7	356.2	May	747.3	371.9	31.8
1,097.6	739.1	358.5	June	748.3	373.0	31.9
1,084.3	725.5	358.8	July	735.3	356.7	30.8
1,097.5	733.6	363.9	August	749.2	368.9	31.7
1,108.3	742.1	366.2	September	760.8	380.5	32.4
1,099.8	736.4	363.4	October	753.7	380.3	32.3
1,103.7	740.2	363.6	November	759.0	388.2	32.8
1,102.9	738.6	364.3	December	758.6	388.9	32.8
			1988			
1,094.5	732.6	361.9	January	750.1	380.8	32.1
1,092.4	732.3	360.1	February	748.5	376.4	31.7
1,088.8	729.0	359.7	March	744.5	378.6	31.8
1,098.1	737.7	360.4	April	752.9	391.6	32.5

Production Workers Average Weekly Earnings

Manufacturing			
	Durable Goods	Nondurable Goods	
$283.08	$292.02	$258.34	1977
306.91	316.83	279.30	1978
325.36	335.30	297.78	1979
347.94	358.57	319.99	1980
389.78	401.64	358.16	1981
403.81	414.80	378.95	1982
437.18	452.35	402.52	1983
463.61	482.38	417.83	1984
477.96	499.56	425.80	1985
486.68	507.95	439.71	1986
499.70	519.52	455.03	1987
			1987
492.99	514.25	443.72	April
497.68	517.45	450.78	May
498.42	517.37	453.95	June
485.20	501.76	450.02	July
492.37	510.00	453.36	August
500.12	516.67	461.92	September
504.50	524.02	461.07	October
511.49	531.57	466.90	November
512.67	532.36	469.27	December
			1988
507.61	527.11	464.45	January
502.86	525.16	454.27	February
508.56	530.56	460.74	March
520.13	542.01	468.52	April

Production Workers Average Weekly Hours

Manufacturing			
	Durable Goods	Nondurable Goods	
42.0	42.2	41.4	1977
42.1	42.3	41.5	1978
41.5	41.6	41.1	1979
40.6	40.7	40.2	1980
40.9	40.9	40.7	1981
40.1	40.0	40.4	1982
41.4	41.5	41.2	1983
42.3	42.5	41.7	1984
42.0	42.3	41.3	1985
42.1	42.4	41.6	1986
42.6	42.9	41.9	1987
			1987
42.1	42.5	41.2	April
42.5	42.8	41.7	May
42.6	42.9	41.8	June
41.9	42.2	41.4	July
42.3	42.5	41.9	August
42.6	42.7	42.3	September
42.9	43.2	42.3	October
43.2	43.5	42.6	November
43.3	43.6	42.7	December
			1988
42.8	43.1	42.3	January
42.4	42.8	41.6	February
42.7	43.1	42.0	March
43.2	43.5	42.4	April

Production Workers Average Hourly Earnings

Manufacturing			
	Durable Goods	Nondurable Goods	
$6.74	$6.92	$6.24	1977
7.29	7.49	6.73	1978
7.84	8.06	7.25	1979
8.57	8.81	7.96	1980
9.53	9.82	8.80	1981
10.07	10.37	9.38	1982
10.56	10.90	9.77	1983
10.96	11.35	10.02	1984
11.38	11.81	10.31	1985
11.56	11.98	10.57	1986
11.73	12.11	10.86	1987
			1987
11.71	12.10	10.77	April
11.71	12.09	10.81	May
11.70	12.06	10.86	June
11.58	11.89	10.87	July
11.64	12.00	10.82	August
11.74	12.10	10.92	September
11.76	12.13	10.90	October
11.84	12.22	10.96	November
11.84	12.21	10.99	December
			1988
11.86	12.23	10.98	January
11.86	12.27	10.92	February
11.91	12.31	10.97	March
12.04	12.46	11.05	April

[a]Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[a]

Employment

(in thousands)

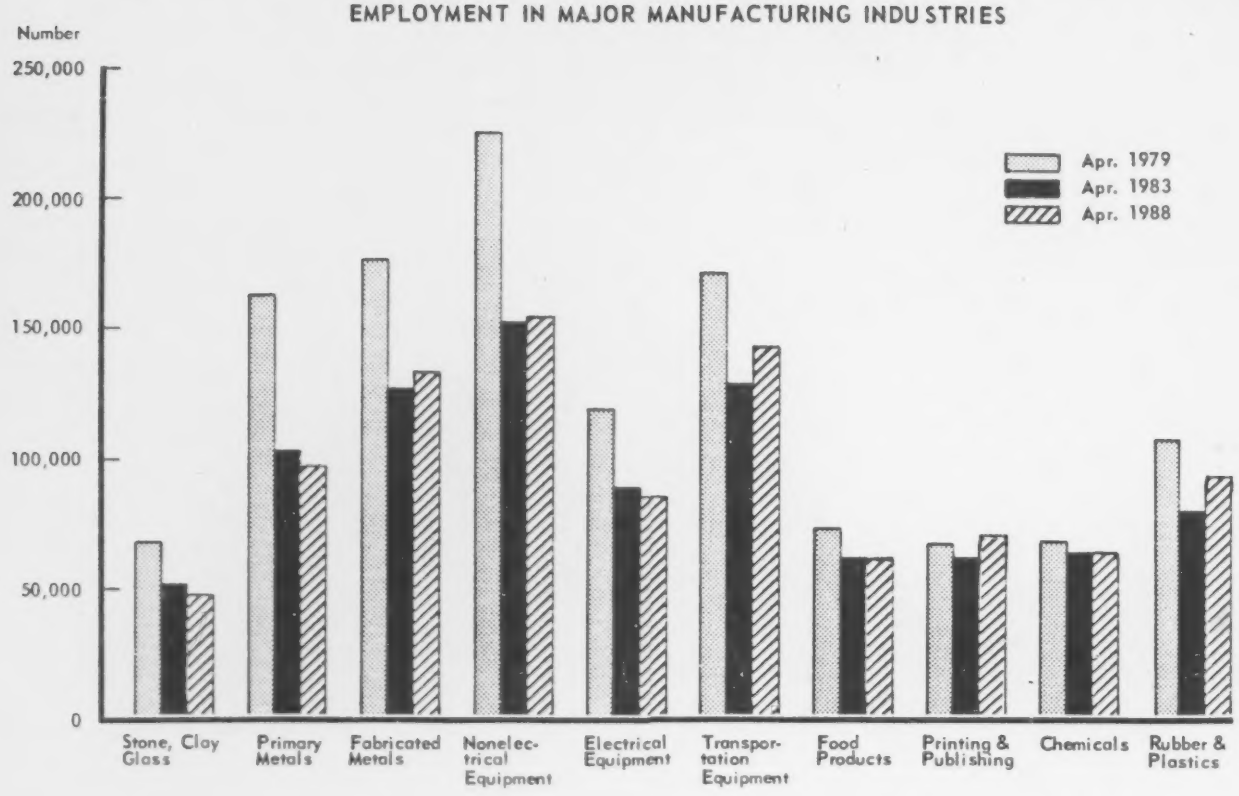
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	101.8	139.5	1985	166.2	90.7	151.2	1985	62.9	66.8	91.4
49.5	95.4	136.5	1986	158.6	89.1	153.9	1986	63.0	68.4	92.7
48.0	95.4	133.4	1987	154.4	86.3	148.0	1987	63.4	70.2	92.9
			1987				1987			
47.7	94.8	133.0	April	154.3	86.0	152.6	April	61.8	69.5	92.1
48.1	94.3	133.2	May	155.0	85.9	151.8	May	62.2	69.7	92.1
48.7	95.0	134.4	June	155.7	85.8	148.5	June	62.9	69.8	92.5
48.1	93.5	131.6	July	153.4	85.9	142.1	July	63.4	70.6	91.6
48.5	95.3	132.8	August	153.8	85.4	145.6	August	67.1	70.9	92.4
48.5	97.2	134.5	September	155.2	86.4	147.4	September	67.7	70.8	93.4
48.2	97.5	134.1	October	153.9	85.4	144.4	October	64.0	71.1	94.2
48.3	98.2	135.0	November	154.4	86.2	145.3	November	63.1	71.6	94.7
48.1	98.0	134.8	December	155.1	86.3	144.2	December	63.8	71.7	94.5
			1988				1988			
46.8	97.5	133.0	January	154.8	85.9	143.1	January	62.9	70.9	94.1
46.5	97.6	133.1	February	154.8	85.9	142.4	February	62.0	70.8	93.8
47.2	98.5	133.7	March	155.4	85.4	136.3	March	62.0	71.1	93.4
47.8	98.5	134.4	April	155.9	85.3	142.3	April	62.1	70.7	94.0

Average Weekly Earnings of Production Workers

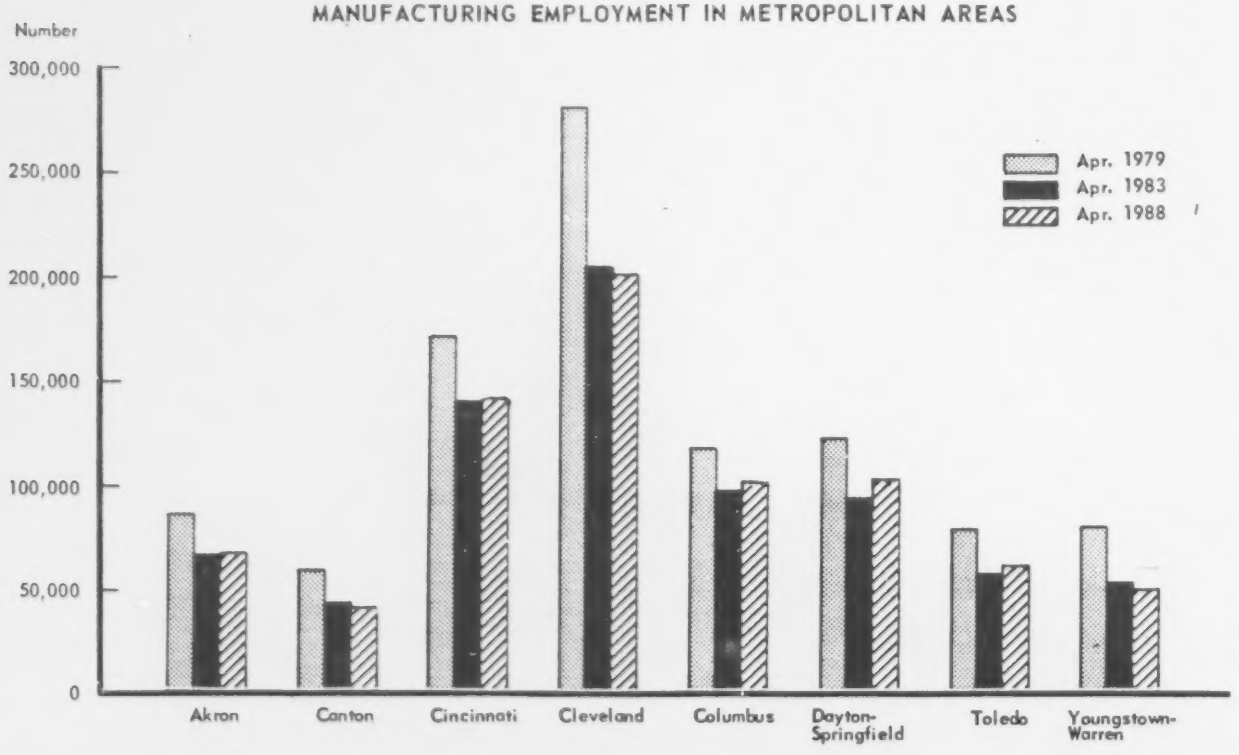
$253.95	$329.54	$290.44	1977	$279.18	$248.44	$359.20	1977	$258.54	$271.96	$263.97
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
449.82	602.53	500.12	1987	502.36	463.01	638.13	1987	440.34	429.00	441.34
			1987				1987			
447.68	595.35	491.82	April	495.33	461.61	630.08	April	430.56	414.02	431.38
457.52	594.49	495.33	May	497.14	463.14	634.04	May	440.11	418.88	435.27
453.46	599.86	501.50	June	505.36	457.32	628.65	June	445.79	422.28	441.58
446.42	597.64	473.20	July	494.89	449.21	604.07	July	434.92	420.81	436.60
440.96	603.90	484.26	August	489.41	458.43	628.00	August	435.11	432.06	443.65
460.31	630.20	484.88	September	489.41	452.08	634.36	September	453.64	426.24	437.38
451.76	601.12	503.43	October	510.85	466.07	652.50	October	432.22	442.18	453.44
457.53	614.66	511.06	November	521.70	475.58	653.43	November	444.15	446.00	454.31
451.76	611.52	514.65	December	520.68	476.27	656.37	December	455.80	450.64	451.44
			1988				1988			
448.56	614.21	506.11	January	507.17	480.80	649.28	January	450.93	434.17	448.59
453.90	610.54	508.89	February	511.81	477.57	640.41	February	438.19	433.83	441.44
464.61	611.88	509.41	March	518.52	470.82	663.00	March	445.12	447.08	440.41
462.24	637.03	526.88	April	528.23	477.57	668.49	April	446.84	438.98	459.90

[a]Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	April 1988[b]	March 1988[c]	April 1987[c]	From Last Month	From Last Year
NONMANUFACTURING	3557.7	3507.1	3446.2	50.7	111.6
MINING	19.7	19.5	20.7	.2	- .9
Bituminous coal and lignite mining	8.5	8.5	9.4	.0	- .9
Oil and gas extraction	6.5	6.8	6.7	- .3	- .2
CONSTRUCTION	178.9	165.5	162.2	13.5	16.7
General building contractors	45.4	43.1	41.3	2.3	4.2
Heavy construction contractors	22.4	18.4	20.0	3.9	2.3
Highway and street construction	9.4	6.9	7.8	2.6	1.6
Special trade contractors	111.1	103.9	100.9	7.2	10.2
TRANSPORTATION AND PUBLIC UTILITIES	207.4	204.5	204.8	2.9	2.6
Railroad transportation	13.4	12.8	14.1	.6	- .7
Transportation, except railroads	105.1	102.8	101.6	2.3	3.5
Trucking and warehousing	72.4	71.7	70.4	.7	2.0
Communication, electric, gas services	88.9	88.9	89.1	.0	- .2
Communication	47.4	47.4	47.2	.0	.2
Electric, gas, and sanitary services	41.5	41.4	41.9	.1	- .4
WHOLESALE TRADE	253.6	251.6	246.2	2.0	7.4
Wholesale trade-durable goods	159.1	158.0	154.8	1.1	4.3
Motor vehicles & automotive equipment	22.1	21.9	21.6	.2	.5
Electrical goods	19.5	19.6	19.2	- .1	.3
Machinery, equipment, and supplies	68.1	67.7	66.6	.4	1.5
Wholesale trade-nondurable goods	94.5	93.6	91.4	.9	3.1
Groceries and related products	29.4	29.3	28.4	.1	1.0
RETAIL TRADE	857.1	843.1	830.8	14.0	26.2
General merchandise stores	115.6	115.7	114.5	- .1	1.0
Department stores	100.6	100.4	100.3	.1	.3
Food stores	131.6	130.5	129.3	1.1	2.4
Automotive dealers & service stations	95.2	94.0	91.8	1.2	3.5
Apparel and accessory stores	42.5	42.2	40.4	.3	2.1
Eating and drinking places	302.7	293.8	293.9	8.8	8.8
FINANCE, INSURANCE, AND REAL ESTATE	249.1	247.1	240.0	2.0	9.1
Banking	63.8	63.7	62.4	.1	1.4
Credit agencies other than banks	38.2	37.9	37.1	.3	1.2
Insurance carriers	69.1	69.0	67.3	.1	1.8
Life insurance	25.7	25.7	25.7	.0	.0
Fire, marine, and casualty insurance	30.7	30.6	29.5	.1	1.2
SERVICES	1086.1	1066.9	1041.3	19.2	44.8
Hotels and other lodging places	34.5	33.2	33.5	1.3	1.0
Personal services	60.1	59.5	58.3	.6	1.8
Laundry, cleaning, & garment services	19.0	18.8	18.6	.2	.4
Business services	218.4	215.3	204.4	3.1	14.0
Services to buildings	30.8	30.4	28.9	.4	1.9
Computer and data processing services	20.1	20.1	18.2	.0	1.9
Amusement and recreation services	39.3	31.4	38.2	7.9	1.1
Health services	367.6	366.6	356.2	1.0	11.5
Nursing and personal care facilities	81.4	80.8	78.7	.6	2.8
Hospitals	178.4	178.5	175.0	.0	3.4
Educational services	65.5	65.6	64.4	- .2	1.0
Colleges and universities	35.7	36.0	35.7	- .3	.1
GOVERNMENT	705.8	708.9	700.2	- 3.1	5.6
Federal government	94.8	94.9	94.7	- .1	.1
State government	162.4	162.6	159.2	- .2	3.3
State government education[1]	87.1	88.2	84.9	- 1.1	2.2
State government, except education	75.3	74.4	74.2	.9	1.0
Local government	448.6	451.4	446.3	- 2.8	2.3
Local government education	265.0	268.6	263.6	- 3.7	1.3
Local government, except education	183.6	182.7	182.7	.9	1.0

See footnotes on page 13.

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]
MANUFACTURING	$520.13	$508.56	$492.99	43.2	42.7	42.1	$12.04	$11.91	$11.71
Durable Goods[e]	542.01	530.56	514.25	43.5	43.1	42.5	12.46	12.31	12.10
Lumber and wood products	313.05	304.91	303.78	41.3	40.6	41.5	7.58	7.51	7.32
Furniture and fixtures	356.09	361.34	338.30	40.1	40.6	39.8	8.88	8.90	8.50
Stone, clay, and glass products	462.24	464.61	447.68	42.8	42.9	41.8	10.80	10.83	10.71
Glass and glassware, pressed or blown.	501.62	490.79	455.94	42.8	42.2	40.1	11.72	11.63	11.37
Primary metal industries	637.03	611.88	595.35	45.6	44.5	44.1	13.97	13.75	13.50
Blast furnace and basic steel products	656.04	646.20	617.26	46.2	45.7	44.6	14.20	14.14	13.84
Iron and steel foundries	672.98	634.57	639.13	46.0	44.5	45.2	14.63	14.26	14.14
Nonferrous rolling and drawing	659.82	590.19	584.36	43.9	40.9	41.8	15.03	14.43	13.98
Fabricated metal products	526.88	509.41	491.82	43.4	42.7	42.0	12.14	11.93	11.71
Cutlery, hand tools, and hardware	498.13	474.61	475.60	41.1	40.6	40.0	12.12	11.69	11.89
Fabricated structural metal products	454.44	437.38	436.17	42.0	40.8	41.5	10.82	10.72	10.51
Metal forgings and stampings	663.11	638.13	611.71	45.7	44.5	43.6	14.51	14.34	14.03
Machinery, except electrical	528.23	518.52	495.33	43.8	43.5	42.3	12.06	11.92	11.71
Construction and related machinery	414.33	421.27	418.37	40.7	40.9	41.3	10.18	10.30	10.13
Metalworking machinery	501.42	497.20	463.56	44.1	44.0	41.8	11.37	11.30	11.09
Special industry machinery	499.32	491.55	478.27	43.8	43.5	42.4	11.40	11.30	11.28
General industrial machinery	559.63	530.19	499.66	44.1	43.0	41.5	12.69	12.33	12.04
Office and computing machines	423.05	423.11	420.48	40.6	41.4	43.8	10.42	10.22	9.60
Refrigeration and service machinery	613.99	608.90	556.28	43.3	43.4	41.7	14.18	14.03	13.34
Electric and electronic equipment	477.57	470.82	461.61	42.3	42.0	41.4	11.29	11.21	11.15
Electrical industrial apparatus	494.36	493.04	451.41	44.1	44.1	41.0	11.21	11.18	11.01
Household appliances	490.44	477.60	470.66	40.7	39.9	40.4	12.05	11.97	11.65
Electric lighting and wiring equipment	491.21	476.82	491.63	42.2	41.9	42.2	11.64	11.38	11.65
Communication equipment	495.75	488.80	510.18	41.8	41.6	42.8	11.86	11.75	11.92
Transportation equipment	668.49	663.00	630.08	44.3	44.2	44.0	15.09	15.00	14.32
Motor vehicles and equipment	711.87	688.86	650.76	45.4	44.5	44.0	15.68	15.48	14.79
Aircraft and parts	547.24	581.16	570.71	40.9	43.5	43.4	13.38	13.36	13.15
Instruments and related products	358.81	367.08	365.20	39.3	39.9	40.0	9.13	9.20	9.13
Measuring and controlling devices	354.43	367.46	369.33	38.4	39.3	39.0	9.23	9.35	9.47
Nondurable Goods[f]	468.52	460.74	443.72	42.4	42.0	41.2	11.05	10.97	10.77
Food and kindred products	446.84	445.12	430.56	41.8	41.6	41.6	10.69	10.70	10.35
Meat products	355.71	381.41	373.38	39.7	41.1	42.0	8.96	9.28	8.89
Dairy products	459.00	473.24	473.71	42.5	43.1	43.7	10.80	10.98	10.84
Preserved fruits and vegetables	495.50	441.29	408.60	43.2	39.9	39.1	11.47	11.06	10.45
Bakery products	462.17	464.90	466.50	39.2	39.6	39.4	11.79	11.74	11.84
Beverages	429.45	422.01	416.33	40.9	40.5	41.8	10.50	10.42	9.96
Apparel and other textile products	298.00	301.15	271.88	40.0	40.1	37.5	7.45	7.51	7.25
Paper and allied products	504.23	486.18	494.83	44.9	43.8	44.7	11.23	11.10	11.07
Misc. converted paper products	442.09	426.00	436.00	43.3	42.9	43.6	10.21	9.93	10.00
Paperboard containers and boxes	440.06	427.55	432.86	43.7	42.5	42.9	10.07	10.06	10.09
Printing and publishing	438.98	447.08	414.02	39.3	39.6	38.3	11.17	11.29	10.81
Newspapers	374.13	365.33	359.82	34.9	34.4	34.9	10.72	10.62	10.31
Commercial printing	436.86	460.24	404.24	40.6	41.5	39.4	10.76	11.09	10.26
Chemicals and allied products	550.32	546.54	530.04	42.3	42.4	41.9	13.01	12.89	12.65
Industrial inorganic chemicals	594.44	589.47	583.94	44.0	43.6	43.0	13.31	13.52	13.58
Rubber and misc. plastics products	459.90	440.41	431.38	43.8	42.8	41.8	10.50	10.29	10.32
Tires and inner tubes	680.61	676.91	644.49	46.3	46.3	46.2	14.70	14.62	13.95
Miscellaneous plastics products	445.59	421.03	414.24	43.6	42.4	41.3	10.22	9.93	10.03

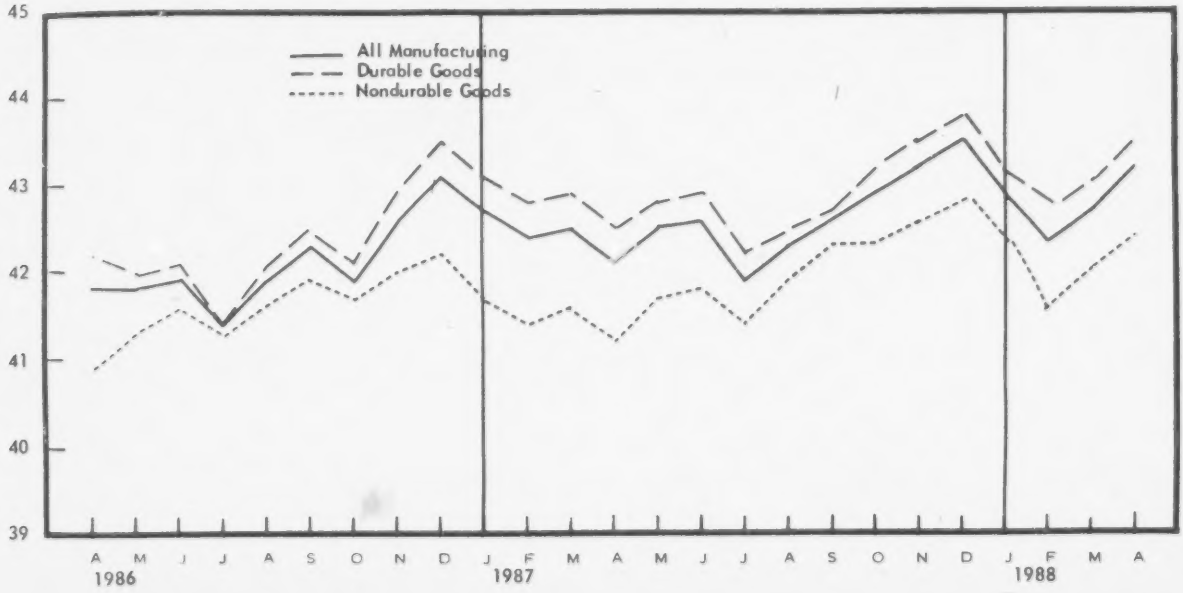
See footnotes on page 13.

Hours & Earnings of Production or Nonsupervisory Workers[a]

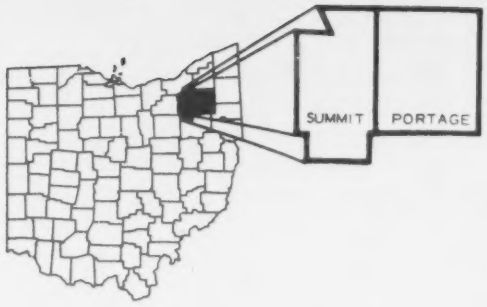
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]
MINING	$544.78	$538.04	$527.03	43.1	42.6	42.4	$12.64	$12.63	$12.43
Bituminous coal and lignite mining	660.40	662.54	633.54	42.8	42.8	44.3	15.43	15.48	15.34
CONSTRUCTION	563.78	559.85	538.61	38.3	37.7	37.3	14.72	14.85	14.44
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	561.82	564.67	552.90	40.8	40.8	41.2	13.77	13.84	13.42
Communication	536.90	537.30	549.61	39.8	39.8	41.2	13.49	13.50	13.34
Electric, gas, and sanitary services	590.37	596.24	555.67	41.9	41.9	41.1	14.09	14.23	13.52
WHOLESALE TRADE	386.10	385.32	369.38	39.0	39.0	38.8	9.90	9.88	9.52
Wholesale trade-durable goods	381.42	378.88	365.66	39.2	39.1	38.9	9.73	9.69	9.40
Wholesale trade-nondurable goods	394.98	394.74	375.19	38.8	38.7	38.6	10.18	10.20	9.72
RETAIL TRADE[h]	165.00	163.82	159.33	28.4	28.1	28.3	5.81	5.83	5.63
General merchandise stores	176.12	172.15	180.54	28.0	27.5	29.5	6.29	6.26	6.12
Department stores	180.76	176.64	185.89	28.2	27.6	29.6	6.41	6.40	6.28
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	266.45	264.66	258.17	....	....	....	.....	.....	.....
Credit agencies other than banks	264.57	258.10	248.76	....	....	....	.....	.....	.....
Insurance carriers	370.73	368.03	341.85	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	336.90	337.62	326.04	32.9	33.1	33.0	10.24	10.20	9.88

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h]Money payments only; tips not included. [i]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



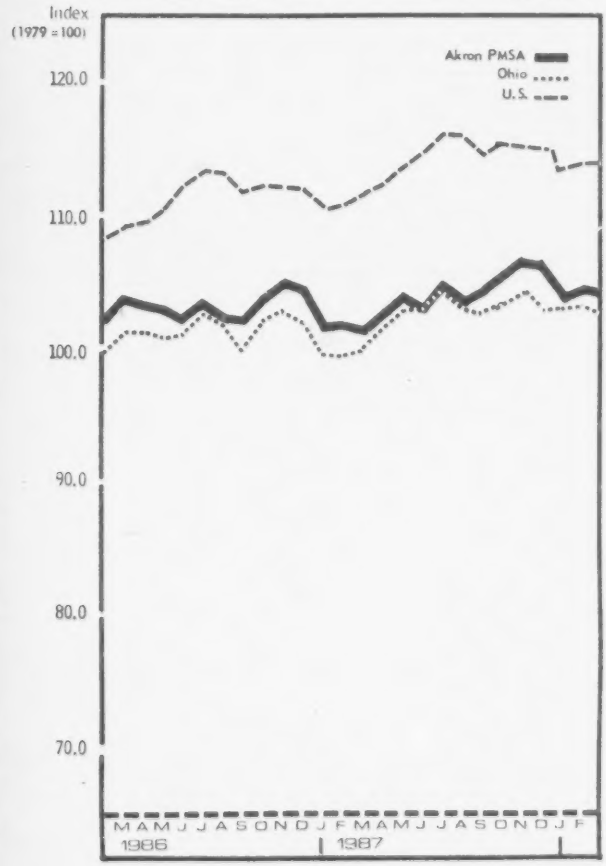
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



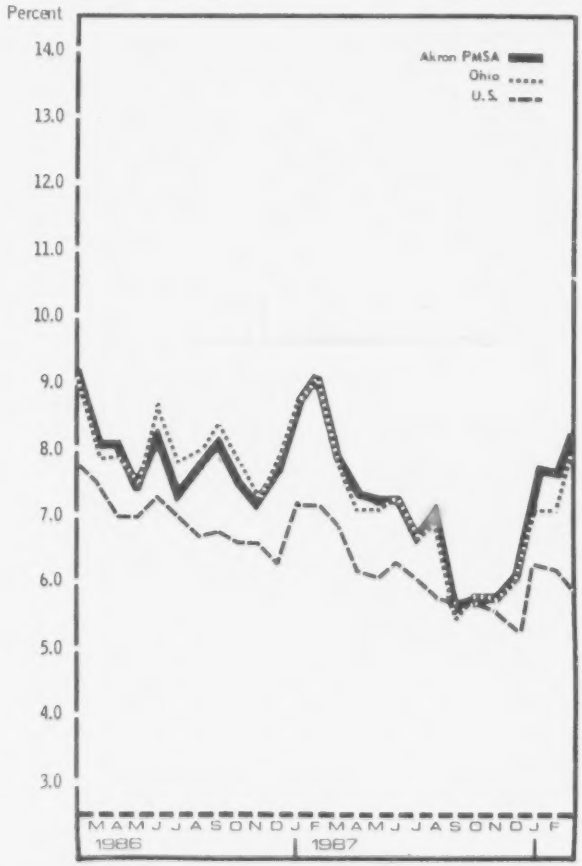
In the Akron metropolitan area, nonfarm payroll employment totaled 270,200 in April, an increase of 2,700 from March 1988. The gain was concentrated in the nonmanufacturing sector due to seasonal growth in services, construction, and retail trade. Manufacturing employment advanced 300 over the month, to 67,000. Modest improvement was noted in rubber and miscellaneous plastics products. Factory production workers earned an average of $11.73 per hour, $.27 more than last month. Their average workweek was .6 hours longer, at 43.8 hours.

Nonagricultural wage and salary employment advanced 7,700 between April 1987 and April 1988. Nonmanufacturing industries provided 88.3 percent of the increase. Major growth sectors were services, state and local schools and colleges, and retail trade. A modest improvement in nonelectrical machinery helped raise manufacturing employment 900 over the year.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



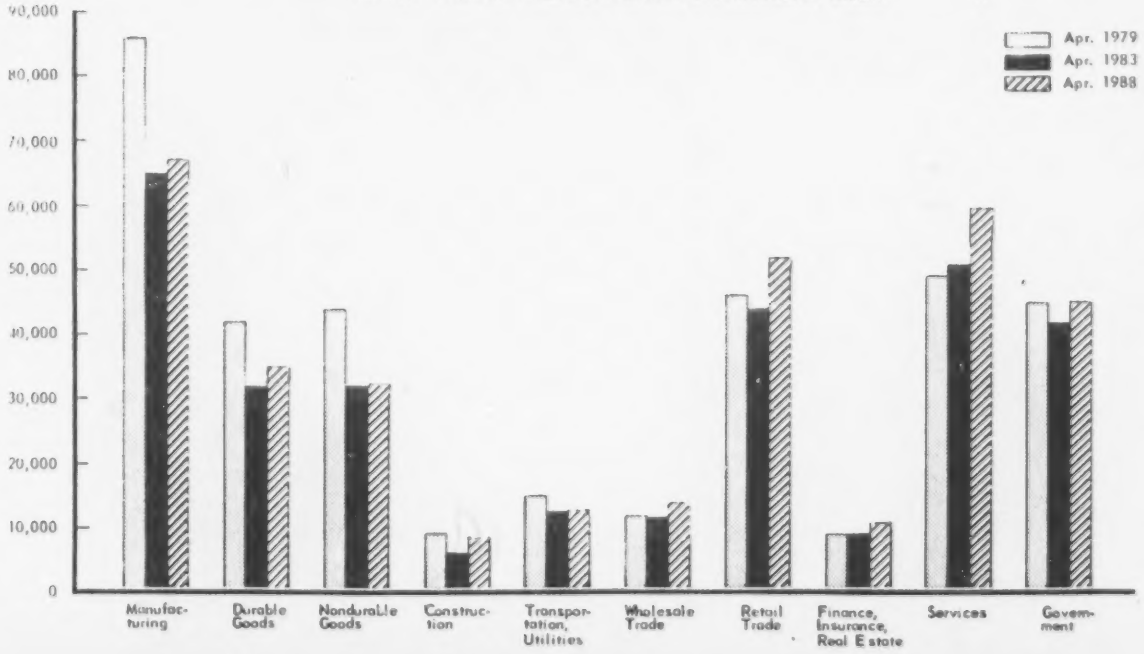
AKRON PMSA LABOR FORCE & EMPLOYMENT DATA

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment					
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	$285.53	42.3	$ 6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
320.4	294.8	25.6	8.0	1986	260.7	67.2	36.4	484.70	43.2	11.22
319.9	297.2	22.8	7.1	1987	264.8	66.5	36.2	487.03	43.1	11.30
				1987						
315.3	290.2	25.1	8.0	March	260.1	66.0	35.9	483.64	42.8	11.30
318.2	294.7	23.5	7.4	April	262.6	66.1	35.7	483.75	43.0	11.25
321.7	298.3	23.5	7.3	May	265.9	66.1	35.7	487.19	43.0	11.33
318.1	294.9	23.1	7.3	June	262.1	66.3	35.8	488.32	43.1	11.33
321.9	300.3	21.6	6.7	July	262.1	66.0	35.7	469.42	42.1	11.15
319.7	296.6	23.2	7.2	August	262.3	66.1	35.8	482.36	43.3	11.14
317.3	299.1	18.2	5.7	September	269.3	67.1	36.8	488.42	43.3	11.28
321.3	302.5	18.8	5.8	October	271.0	66.7	36.7	487.73	43.2	11.29
323.5	304.9	18.6	5.8	November	271.6	67.1	37.1	484.44	43.1	11.24
322.6	302.5	20.0	6.2	December	271.9	67.0	36.9	503.88	44.2	11.40
				1988						
320.4	295.7	24.7	7.7	January	262.8	66.6	36.5	489.89	43.2	11.34
323.9	299.3	24.6	7.6	February	265.5	66.6	36.5	488.05	43.0	11.35
324.4	297.9	26.5	8.2	March	267.5	66.7	36.8	495.07	43.2	11.46
INA	INA	INA	INA	April	270.2	67.0	37.1	513.77	43.8	11.73

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	April 1988[b]	March 1988[c]	April 1987[c]	From Last Month	From Last Year
TOTAL	270.2	267.5	262.6	2.7	7.7
MANUFACTURING	67.0	66.7	66.1	.3	.9
Durable Goods[e]	34.7	34.6	34.1	.1	.5
Fabricated metal products	11.6	11.5	11.5	.1	.1
Machinery, except electrical	9.7	9.6	9.3	.1	.5
Metalworking machinery	3.4	3.4	3.2	.0	.2
Nondurable Goods[f]	32.3	32.2	32.0	.2	.4
Food and kindred products	2.9	2.9	2.9	.0	.1
Chemicals and allied products	3.0	3.0	3.0	.0	.1
Rubber and misc. plastics products	20.9	20.8	20.8	.2	.2
Tires and inner tubes	12.7	12.7	13.1	.0	- .3
NONMANUFACTURING[g]	203.2	200.8	196.4	2.5	6.8
CONSTRUCTION	8.7	7.8	8.2	.8	.5
TRANSPORTATION AND PUBLIC UTILITIES	12.8	12.8	12.8	.0	.0
Communication, electric, gas services	5.3	5.3	5.2	.0	.0
WHOLESALE TRADE	14.2	14.1	13.8	.1	.3
RETAIL TRADE	51.6	51.1	50.6	.6	1.0
General merchandise stores	5.8	5.9	6.1	.0	- .2
FINANCE, INSURANCE, AND REAL ESTATE	10.7	10.7	10.4	.0	.3
Banking	3.3	3.3	3.1	.0	.1
SERVICES	59.7	58.6	56.1	1.2	3.6
Business services	11.5	11.4	10.7	.1	.9
Amusement and recreation services	3.4	2.9	2.9	.5	.5
Health services	20.1	20.1	18.8	.0	1.3
GOVERNMENT	45.0	45.3	43.9	- .3	1.1
State government	16.9	17.0	15.6	- .1	1.3
State government education[1]	13.9	14.0	12.7	- .1	1.2
State government, except education	3.0	3.0	2.9	.0	.1
Local government	25.8	26.0	25.9	- .2	- .2
Local government education	14.9	15.1	14.5	- .1	.5
Local government, except education	10.8	10.9	11.4	- .1	- .6

Akron PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

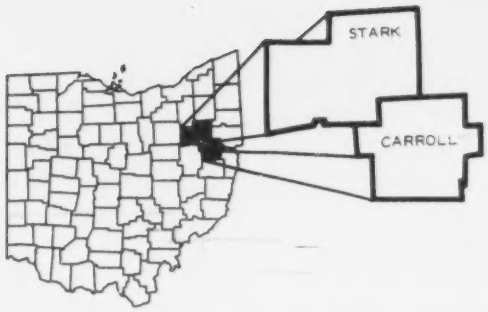
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]
MANUFACTURING	$513.77	$495.07	$483.75	43.8	43.2	43.0	$11.73	$11.46	$11.25
Durable Goods[e]	536.70	510.07	501.70	44.1	43.3	43.4	12.17	11.78	11.56
Fabricated metal products	719.43	648.45	593.28	47.3	45.0	43.4	15.21	14.41	13.67
Machinery, except electrical	457.60	441.81	476.32	44.0	43.7	46.2	10.40	10.11	10.31
Metalworking machinery	478.37	459.24	455.96	45.3	44.5	45.1	10.56	10.32	10.11
Nondurable Goods[f]	480.44	471.90	456.65	43.4	42.9	42.4	11.07	11.00	10.77
Food and kindred products	446.40	462.03	481.57	42.8	42.9	44.1	10.43	10.77	10.92
Chemicals and allied products	487.90	525.25	481.12	42.5	44.4	41.8	11.48	11.83	11.51
Rubber and misc. plastics products	505.11	494.56	483.56	44.7	44.0	44.0	11.30	11.24	10.99
Tires and inner tubes	778.36	783.59	740.84	48.8	49.5	48.9	15.95	15.83	15.15
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	558.90	558.56	561.91	40.5	40.3	41.5	13.80	13.86	13.54
WHOLESALE TRADE	348.30	349.00	329.28	37.9	38.1	38.2	9.19	9.16	8.62
RETAIL TRADE[h]	194.06	194.02	197.82	31.1	30.7	31.5	6.24	6.32	6.28

[a]See Technical for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1988	March 1988	April 1987
Employment Service Program			
New Applicants	2,223	2,305	2,428
Active File of Job Seekers	17,652	18,206	20,989
Referrals to Jobs	1,006	1,093	1,256
Placements	347	147	256
Job Openings Received	1,013	660	1,181
Job Openings Unfilled	1,159	803	2,076
Unemployment Insurance Program			
Initial Claims	2,074	2,443	3,109
Continued Claims	26,945	37,517	37,262
First Payments	1,065	1,602	1,338
Last Payments	421	501	524
Weeks Compensated	24,925	33,765	31,956
Benefits Paid	$3,840,322	$5,277,154	$4,798,764
Average Weekly Payment	$157.23	$159.10	$153.63

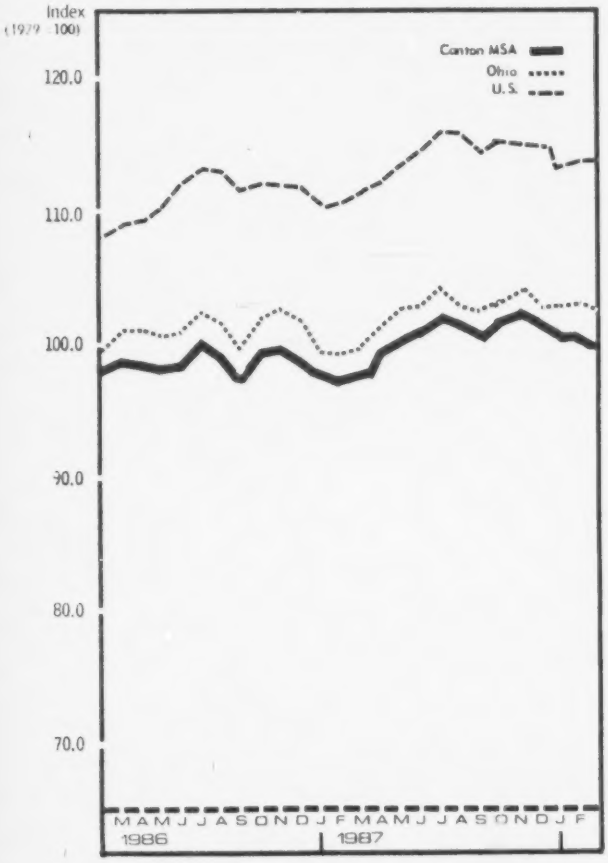
CANTON
METROPOLITAN STATISTICAL AREA



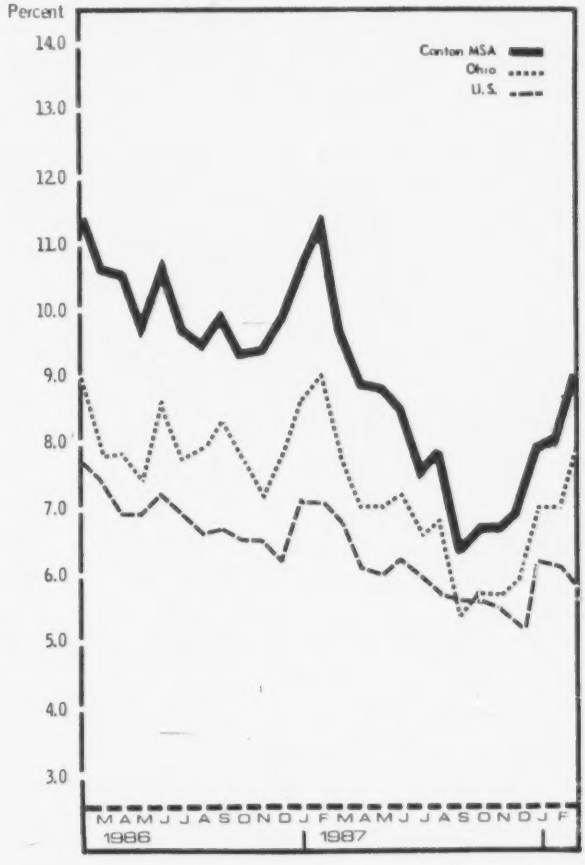
Nonfarm employment in the Canton metropolitan area was 2,400 higher than the March level, totaling 158,400 for April. The increase occurred in nonmanufacturing industries. Seasonal expansion in services, retail trade, and construction contributed 95.8 percent of the total gain. Over the month, the manufacturing workforce lost 100 jobs due to scattered losses in durable-goods industries. Production worker average wages rose $.25 from March, to $11.61 per hour in April. Their average workweek, 43.3 hours, was .3 hours longer.

From April 1987 to April 1988, nonagricultural wage and salary employment advanced 4,100. The major portion of the growth occurred in construction, services, and retail trade. Manufacturing employment declined 100 over the year, to 43,100. Losses in fabricated metal products and food and kindred products negated scattered gains.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

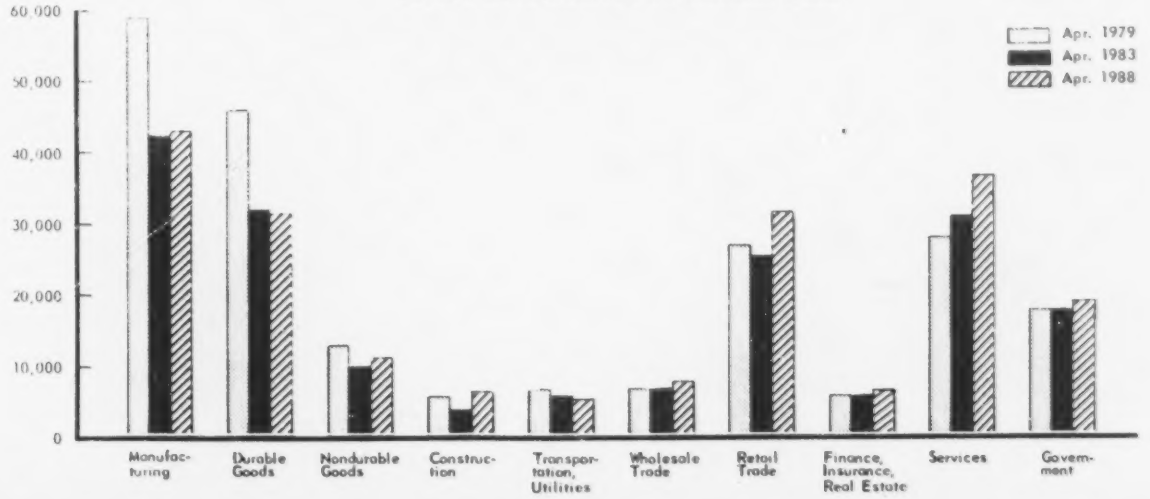


CANTON MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	$273.14	39.7	$ 6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.5	171.2	19.4	10.2	1986	151.9	43.7	31.0	451.76	40.3	11.21
189.6	174.0	15.7	8.3	1987	155.9	43.5	30.8	475.15	41.9	11.34
				1987						
187.7	169.6	18.1	9.7	March	152.8	43.3	30.5	477.12	42.0	11.36
189.1	172.4	16.8	8.9	April	154.3	43.3	30.5	471.03	41.5	11.35
191.2	174.4	16.7	8.7	May	156.3	43.5	30.6	486.35	42.7	11.39
191.8	175.5	16.3	8.5	June	157.3	43.8	30.9	479.39	42.2	11.36
191.1	176.9	14.2	7.4	July	155.7	42.9	30.2	470.50	41.6	11.31
190.9	176.0	14.9	7.8	August	157.1	43.5	30.9	460.73	41.1	11.21
185.9	174.2	11.7	6.3	September	157.7	43.7	31.2	468.95	41.5	11.30
188.7	176.2	12.5	6.6	October	158.6	43.7	31.2	476.52	41.8	11.40
189.9	177.4	12.5	6.6	November	158.7	43.8	31.2	475.73	42.1	11.30
188.8	175.9	12.9	6.8	December	158.9	43.9	31.3	476.44	42.2	11.29
				1988						
188.9	173.9	15.0	7.9	January	155.4	43.6	30.9	493.78	43.2	11.43
189.4	174.4	15.1	8.0	February	155.4	43.7	31.1	493.06	43.1	11.44
190.0	172.9	17.1	9.0	March	156.0	43.2	31.1	488.48	43.0	11.36
INA	INA	INA	INA	April	158.4	43.1	30.6	502.71	43.3	11.61

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Canton MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	April 1988[b]	March 1988[c]	April 1987[c]	From Last Month	From Last Year
TOTAL	158.4	156.0	154.3	2.4	4.1
MANUFACTURING	43.1	43.2	43.3	- .1	- .1
Durable Goods[e]	31.8	31.9	31.9	- .2	- .1
Primary metal industries	10.6	10.5	10.5	.0	.1
Fabricated metal products	6.2	6.3	6.5	- .1	- .3
Metal forgings and stampings	1.9	2.0	2.2	- .1	- .3
Nondurable Goods[f]	11.4	11.3	11.4	.1	.0
Food and kindred products	3.3	3.2	3.5	.0	- .2
Rubber and misc. plastics products	2.9	2.9	2.9	.0	.0
NONMANUFACTURING[g]	115.3	112.8	111.0	2.5	4.3
CONSTRUCTION	6.6	5.9	5.3	.7	1.3
TRANSPORTATION AND PUBLIC UTILITIES	5.8	5.7	5.7	.2	.2
Communication, electric, gas services	2.6	2.6	2.6	.0	.0
WHOLESALE TRADE	8.1	8.1	8.0	.0	.2
Wholesale trade-durable goods	4.5	4.5	4.4	.0	.1
RETAIL TRADE	31.5	30.8	30.5	.7	.9
General merchandise stores	3.8	3.8	3.7	.0	.1
Food stores	5.1	5.1	5.0	.0	.1
FINANCE, INSURANCE, AND REAL ESTATE	6.4	6.4	6.5	.1	.0
Banking	1.9	1.9	1.8	.0	.0
SERVICES	36.7	35.8	35.4	.9	1.3
Health services	15.4	15.3	14.9	.1	.5
GOVERNMENT	19.1	19.1	18.7	.0	.3
State government (includes education)	1.8	1.8	1.8	.0	.0
Local government	15.8	15.9	15.5	.0	.3
Local government education	9.2	9.3	9.5	- .1	- .2
Local government, except education	6.6	6.6	6.1	.0	.5

Hours & Earnings of Production or Nonsupervisory Workers[a]

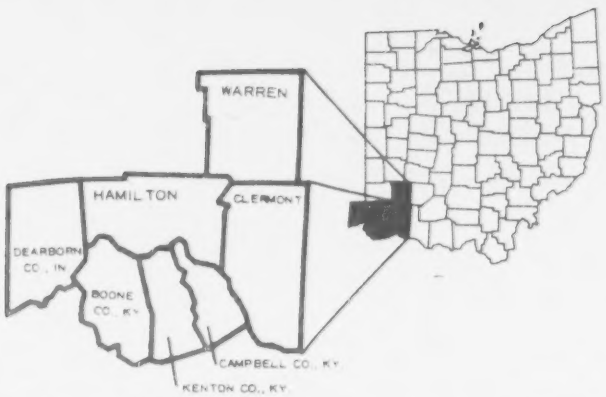
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]
MANUFACTURING	$502.71	$488.48	$471.03	43.3	43.0	41.5	$11.61	$11.36	$11.35
Durable Goods[e]	529.43	509.08	494.08	43.9	43.4	41.8	12.06	11.73	11.82
Primary metal industries	646.72	607.36	574.65	47.0	46.9	43.9	13.76	12.95	13.09
Fabricated metal products	432.55	435.30	472.56	41.0	41.3	41.2	10.55	10.54	11.47
Metal forgings and stampings	585.71	599.46	630.84	40.2	41.2	42.0	14.57	14.55	15.02
Nondurable Goods[f]	420.99	424.03	402.35	41.6	41.9	40.6	10.12	10.12	9.91
Food and kindred products	421.06	441.60	433.88	38.7	40.0	41.8	10.88	11.04	10.38
Rubber and misc. plastics products	430.26	428.28	428.82	42.1	41.5	42.0	10.22	10.32	10.21
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	585.01	540.29	540.70	42.3	40.2	40.9	13.83	13.44	13.22
WHOLESALE TRADE	379.61	375.12	364.93	38.5	38.2	37.2	9.86	9.82	9.81
RETAIL TRADE[h]	156.80	157.07	154.94	28.1	28.3	28.8	5.58	5.55	5.38

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [J]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1988	March 1988	April 1987
Employment Service Program			
New Applicants	1,380	1,645	1,416
Active File of Job Seekers	12,506	12,717	15,780
Referrals to Jobs	1,156	702	1,090
Placements	144	131	163
Job Openings Received	531	506	368
Job Openings Unfilled	833	612	472
Unemployment Insurance Program			
Initial Claims	1,422	2,225	2,733
Continued Claims	18,033	24,224	25,565
First Payments	723	1,208	840
Last Payments	269	227	510
Weeks Compensated	15,793	18,868	21,305
Benefits Paid	$2,270,132	$2,758,982	$3,161,054
Average Weekly Payment	$147.62	$149.74	$152.70

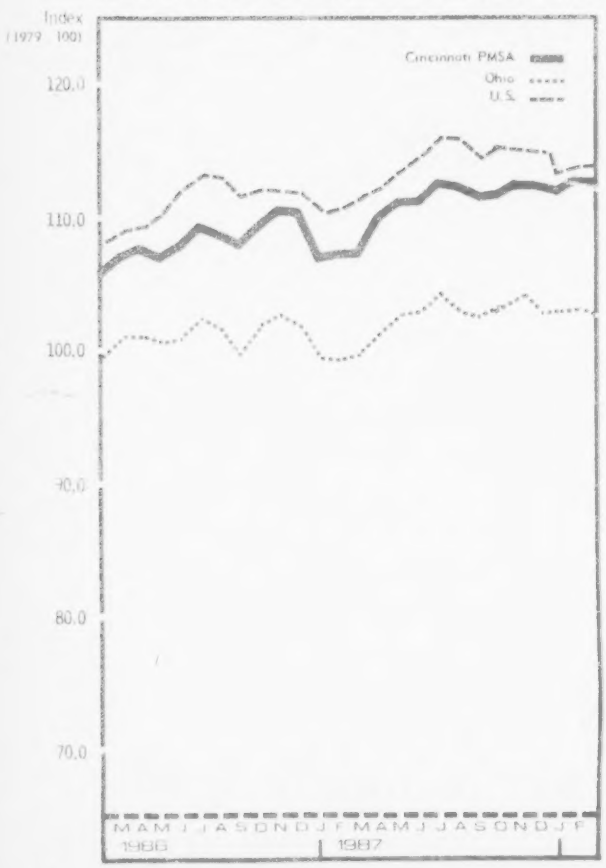
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



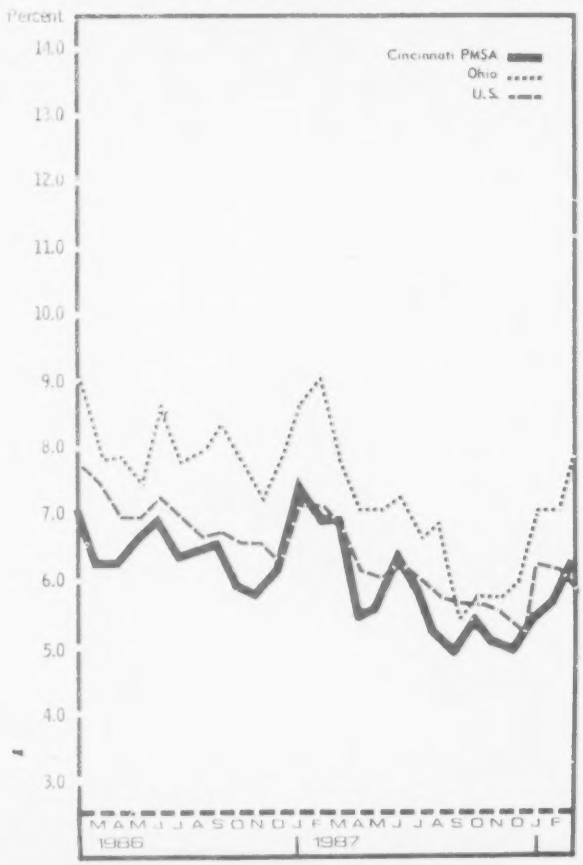
In April 1988, nonagricultural payroll employment in the Cincinnati metropolitan area advanced 14,500 above the March level, to 692,800. Nonmanufacturing industries gained 8,700 jobs over the month. Seasonal hirings in services, especially amusement and recreation services, retail trade, and construction contributed most. Manufacturing employment was 5,700 higher in April due to the settlement of a labor-management dispute in transportation equipment (+6,200). Production workers earned an average of $11.01 per hour, increasing $.21 from March. Their average workweek, 42.1 hours, was .1 hours longer.

Total nonfarm wage and salary employment rose 19,700 between April 1987 and April 1988. The increase was concentrated in nonmanufacturing industries, especially business and health services, retail trade, and construction. The manufacturing workforce was 3,400 lower over the period. Losses in transportation equipment more than offset gains in nondurable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

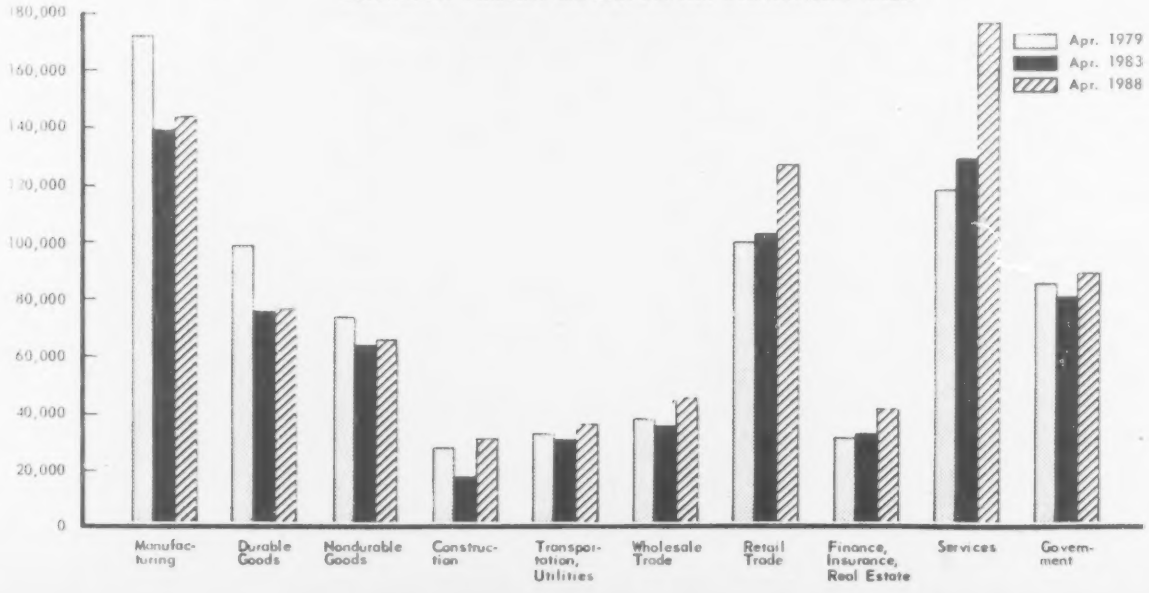


CINCINNATI PMSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	$260.83	41.6	$ 6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
727.8	680.7	47.2	6.5	1986	650.8	147.7	95.5	453.00	42.1	10.76
744.7	700.7	44.0	5.9	1987	677.1	145.4	93.0	467.57	42.7	10.95
				1987						
730.3	679.0	51.2	7.0	March	656.6	142.2	90.4	462.40	42.5	10.88
737.7	697.3	40.4	5.5	April	673.1	146.9	94.8	459.38	41.8	10.99
744.4	703.0	41.4	5.6	May	679.6	147.6	95.3	466.15	42.3	11.02
750.4	701.8	48.6	6.5	June	680.2	144.7	92.0	466.52	42.8	10.90
756.6	712.1	44.6	5.9	July	679.4	144.9	91.9	451.73	42.1	10.73
749.6	710.1	39.5	5.3	August	686.1	148.7	95.8	472.69	42.7	11.07
744.1	706.7	37.5	5.0	September	689.7	146.3	93.6	471.71	43.0	10.97
751.5	709.9	41.6	5.5	October	688.8	144.1	91.4	467.41	43.0	10.87
756.5	717.4	39.1	5.2	November	693.1	145.4	93.2	477.17	43.3	11.02
754.6	716.6	38.0	5.0	December	694.9	145.6	93.4	488.17	43.9	11.12
				1988						
747.1	706.0	41.1	5.5	January	679.6	145.1	92.9	481.00	43.1	11.16
752.2	709.0	43.2	5.7	February	679.4	144.5	92.4	466.47	42.1	11.08
754.4	707.1	47.3	6.3	March	678.3	137.7	86.0	453.60	42.0	10.80
INA	INA	INA	INA	April	692.8	143.4	91.5	463.52	42.1	11.01

INA - information not available.

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Cincinnati PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	April 1988[b]	March 1988[c]	April 1987[c]	From Last Month	From Last Year
TOTAL	692.8	678.3	673.1	14.5	19.7
MANUFACTURING	143.4	137.7	146.9	5.7	- 3.4
Durable Goods[e]	76.4	70.3	81.1	6.1	- 4.6
Fabricated metal products	9.9	10.1	10.4	- .2	- .5
Fabricated structural metal products	3.8	3.9	4.2	- .1	- .4
Machinery, except electrical	20.2	20.4	20.6	- .1	- .4
Metalworking machinery	7.8	7.8	8.3	.0	- .4
General industrial machinery	3.0	3.0	2.9	.0	.1
Electric and electronic equipment	7.6	7.5	7.3	.1	.3
Transportation equipment	24.4	18.2[j]	29.1	6.2	- 4.7
Motor vehicles and equipment	4.8	4.8	8.5	.0	- 3.7
Nondurable Goods[f]	67.0	67.4	65.8	- .4	1.2
Food and kindred products	13.2	13.3	13.0	- .1	.2
Beverages	3.4	3.4	3.6	.0	- .2
Apparel and other textile products	3.9	3.9	3.5	.0	.4
Paper and allied products	6.0	5.9	6.0	.0	.0
Printing and publishing	13.2	13.4	13.3	- .1	.0
Commercial printing	5.8	5.9	5.7	- .1	.1
Chemicals and allied products	22.4	22.6	22.1	- .2	.3
Rubber and misc. plastics products	5.9	5.9	5.5	.0	.4
NONMANUFACTURING[g]	549.3	540.6	526.2	8.7	23.1
CONSTRUCTION	30.9	29.2	27.9	1.7	3.0
TRANSPORTATION AND PUBLIC UTILITIES	36.0	35.9	34.8	.0	1.1
Trucking and warehousing	10.3	10.0	9.6	.2	.6
Communication, electric, gas services	14.9	15.1	14.9	- .2	.0
WHOLESALE TRADE	45.1	45.1	43.6	.0	1.5
Wholesale trade-durable goods	26.8	26.7	25.8	.1	1.0
RETAIL TRADE	127.9	125.4	123.7	2.5	4.2
General merchandise stores	16.9	16.9	17.3	.0	- .4
FINANCE, INSURANCE, AND REAL ESTATE	41.7	41.3	39.8	.4	1.9
Banking	9.1	9.0	8.6	.0	.5
Insurance carriers	14.2	14.2	13.7	.0	.5
SERVICES	177.2	173.4	166.8	3.8	10.4
Hotels and other lodging places	6.6	6.5	6.3	.2	.3
Personal services	9.2	8.9	8.7	.3	.5
Business services	42.2	41.8	38.4	.4	3.8
Amusement and recreation services	8.5	6.6	8.3	1.9	.2
Health services	54.3	54.2	51.9	.1	2.4
Hospitals	25.6	25.6	24.8	.0	.8
GOVERNMENT	89.9	89.7	89.2	.2	.8
Federal government	16.0	15.9	15.5	.1	.5
State government	20.1	20.2	20.4	.0	- .3
State government education[l]	12.3	12.5	12.4	- .1	- .1
State government, except education	7.8	7.7	8.0	.1	- .2
Local government	53.8	53.7	53.2	.1	.6
Local government education	31.2	31.3	31.1	- .1	.1
Local government, except education	22.6	22.4	22.1	.2	.5

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]
MANUFACTURING	$463.52	$453.60	$459.38	42.1	42.0	41.8	$11.01	$10.80	$10.99
Durable Goods[e]	456.96	431.18	456.20	42.0	41.7	41.7	10.88	10.34	10.94
Fabricated metal products	412.00	396.66	416.13	41.7	40.6	42.9	9.88	9.77	9.70
Fabricated structural metal products	433.82	385.13	438.12	43.6	39.5	43.9	9.95	9.75	9.98
Machinery, except electrical	429.68	421.68	405.60	42.5	42.0	41.6	10.11	10.04	9.75
Metalworking machinery	493.99	493.55	441.63	43.6	43.6	42.1	11.33	11.32	10.49
General industrial machinery	419.60	388.58	408.00	43.8	42.1	44.3	9.58	9.23	9.21
Electric and electronic equipment	328.95	333.32	357.86	38.7	39.4	40.3	8.50	8.46	8.88
Transportation equipment	675.14	757.25	629.58	44.8	46.6	43.3	15.07	16.25	14.54
Motor vehicles and equipment	831.97	807.59	686.53	49.2	47.9	43.7	16.91	16.86	15.71
Nondurable Goods[f]	468.15	472.49	462.16	42.1	42.3	41.9	11.12	11.17	11.03
Food and kindred products	487.14	489.72	493.55	41.6	42.0	43.6	11.71	11.66	11.32
Beverages	521.66	519.98	526.92	41.9	41.9	42.7	12.45	12.41	12.34
Apparel and other textile products	232.46	231.42	215.65	39.4	39.9	37.9	5.90	5.80	5.69
Paper and allied products	423.58	413.55	422.68	42.7	41.9	42.1	9.92	9.87	10.04
Printing and publishing	457.54	487.14	443.98	40.1	41.6	39.5	11.41	11.71	11.24
Commercial printing	486.49	540.45	478.70	42.6	45.0	42.4	11.42	12.01	11.29
Chemicals and allied products	548.18	553.37	548.26	42.2	42.6	42.9	12.99	12.99	12.78
Rubber and misc. plastics products	435.24	403.74	417.69	46.5	43.6	44.2	9.36	9.26	9.45
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	548.33	546.96	531.07	40.2	40.1	39.9	13.64	13.64	13.31
WHOLESALE TRADE	393.41	402.52	382.40	39.9	40.7	40.0	9.86	9.89	9.56
RETAIL TRADE[h]	166.44	164.42	162.43	29.2	29.1	28.8	5.70	5.65	5.64
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	257.96	260.29	258.42	....	....	....	.....	.....	.....

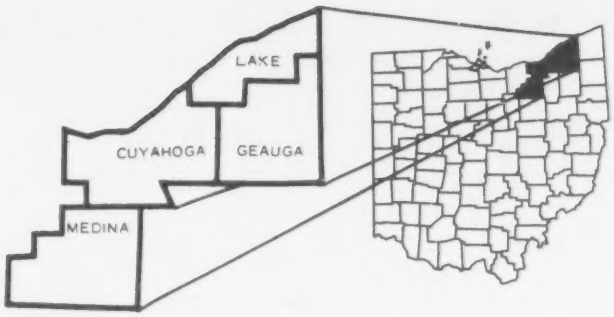
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

	April 1988	March 1988	April 1987
Employment Service Program			
New Applicants	2,439	2,506	2,961
Active File of Job Seekers	22,591	23,231	20,842
Referrals to Jobs	1,754	1,601	1,964
Placements	421	214	375
Job Openings Received	1,068	1,349	1,970
Job Openings Unfilled	2,082	2,174	2,909
Unemployment Insurance Program			
Initial Claims	3,699	4,123	4,485
Continued Claims	45,097	57,308	48,079
First Payments	1,929	3,221	1,565
Last Payments	650	1,960	667
Weeks Compensated	35,848	52,563	37,031
Benefits Paid	$5,540,033	$8,328,146	$5,353,082
Average Weekly Payment	$157.39	$160.70	$147.46

[a]Ohio data only

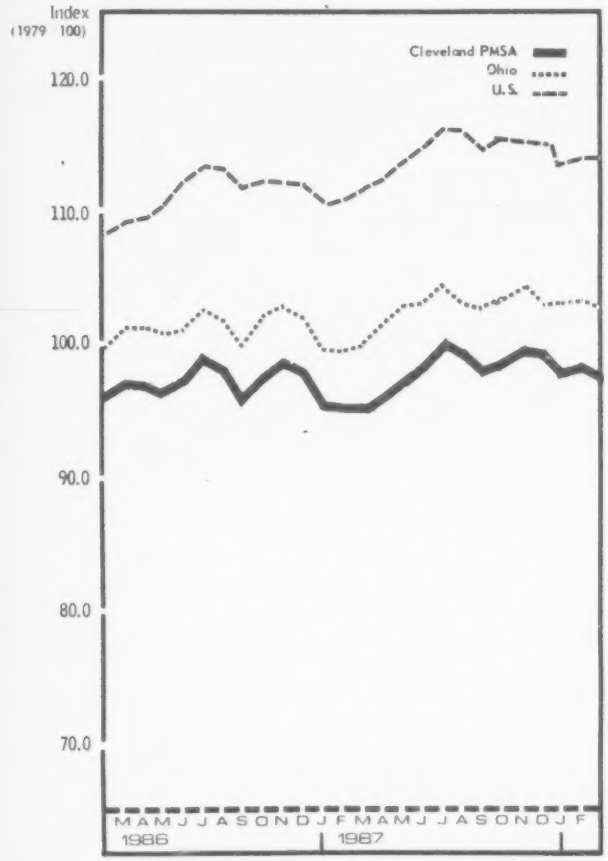
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



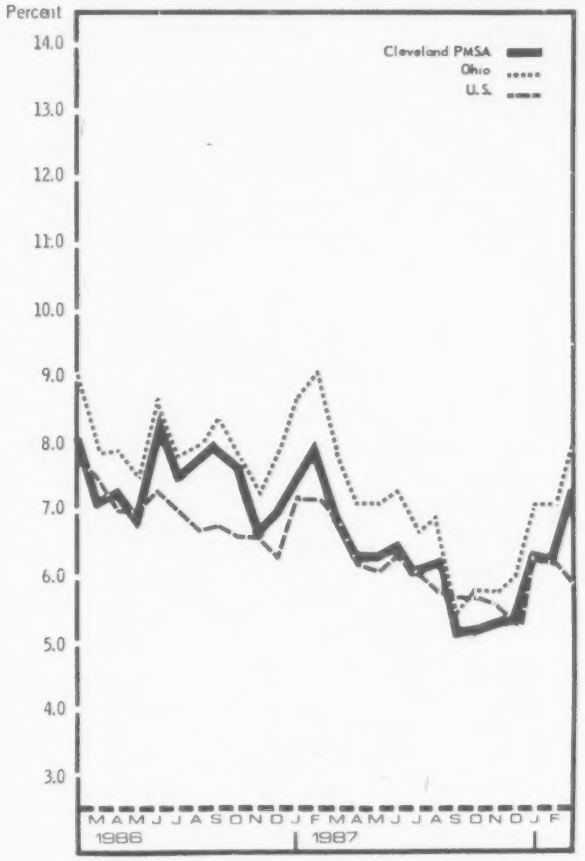
In the Cleveland metropolitan area, total nonagricultural payroll employment was 902,000 in April 1988, a gain of 8,700 from March. Seasonal hirings in services, retail trade, and construction contributed 94.3 percent of the improvement. Manufacturing employment was unchanged at 201,800. Factory worker average hourly earnings increased $.09 from March, to $11.82 per hour. Their average workweek, 43.6 hours, was .1 hours longer.

Nonfarm wage and salary employment increased 21,900 from April 1987 to April 1988. Services and retail trade were the primary growth sectors. However, important improvements were also recorded in finance, insurance, and real estate and in construction. During the period, the manufacturing workforce gained 2,400 jobs. Noteworthy expansion occurred in fabricated metal products and chemicals and allied products.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

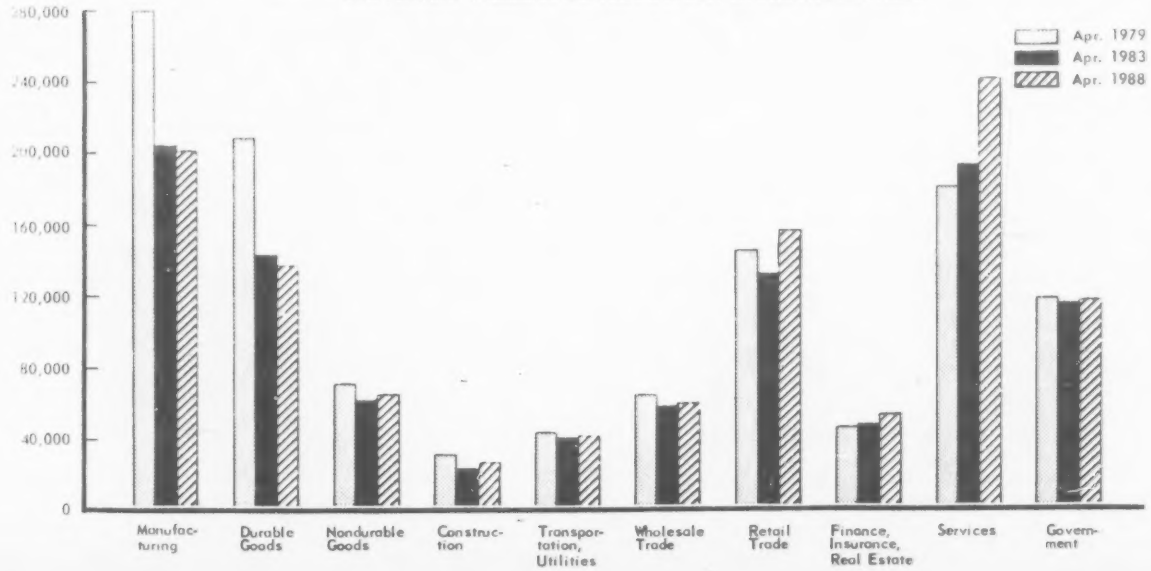


CLEVELAND PMSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	$292.75	42.8	$ 6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
932.8	862.7	70.1	7.5	1986	879.2	204.9	131.5	481.62	42.1	11.44
926.6	868.8	57.8	6.2	1987	891.6	200.8	128.5	496.35	42.9	11.57
				1987						
909.1	845.7	63.4	7.0	March	871.3	199.3	127.6	498.07	42.9	11.61
916.9	858.8	58.1	6.3	April	880.1	199.4	127.9	494.89	42.7	11.59
925.3	867.2	58.0	6.3	May	889.5	199.9	127.6	493.19	42.7	11.55
935.9	875.5	60.4	6.5	June	899.0	201.1	128.3	494.21	42.9	11.52
949.3	892.7	56.7	6.0	July	900.7	199.7	126.9	476.52	41.8	11.40
938.8	879.3	59.5	6.3	August	899.1	200.3	127.7	486.75	42.4	11.48
915.0	868.0	47.0	5.1	September	900.3	201.4	129.0	487.05	42.5	11.46
925.6	877.5	48.2	5.2	October	904.5	202.4	129.9	501.85	43.3	11.59
936.9	887.0	49.9	5.3	November	908.5	203.3	130.8	510.71	43.8	11.66
931.0	880.7	50.3	5.4	December	910.2	203.3	131.1	513.04	44.0	11.66
				1988						
928.2	869.7	58.5	6.3	January	889.8	202.0	130.1	503.53	43.0	11.71
930.3	872.7	57.5	6.2	February	889.6	201.8	130.0	500.21	42.9	11.66
934.3	866.3	68.0	7.3	March	893.3	201.8	129.7	510.26	43.5	11.73
INA	INA	INA	INA	April	902.0	201.8	129.8	515.35	43.6	11.82

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cleveland PMSA

	Employment (in thousands)			Chnage[d] (in thousands)	
	April 1988[b]	March 1988[c]	April 1987[c]	From Last Month	From Last Year
TOTAL	902.0	893.3	880.1	8.7	21.9
MANUFACTURING	201.8	201.8	199.4	.0	2.4
Durable Goods[e]	137.3	137.0	135.9	.3	1.5
Primary metal industries	21.1	21.0	20.9	.1	.3
Iron and steel foundries	5.2	5.2	5.2	.0	.0
Fabricated metal products	33.2	33.3	32.0	- .1	1.2
Fabricated structural metal products	4.2	4.3	3.9	- .1	.3
Screw machine products, bolts, etc.	4.8	4.8	4.7	.0	.1
Metal forgings and stampings	11.7	11.8	11.3	- .1	.4
Machinery, except electrical	29.1	28.9	28.8	.1	.2
Construction and related machinery	2.7	2.6	2.5	.0	.2
Metalworking machinery	9.6	9.6	9.6	.0	.0
Special industry machinery	2.6	2.5	2.8	.0	- .2
General industrial machinery	3.0	3.0	3.0	.0	.0
Electric and electronic equipment	18.0	18.0	17.6	.0	.4
Electrical industrial apparatus	6.1	6.1	6.0	.0	.2
Transportation equipment	18.7	18.7	19.2	- .1	- .6
Motor vehicles and equipment	11.7	11.7	12.1	- .1	- .4
Instruments and related products	6.5	6.5	6.7	.0	- .2
Measuring and controlling devices	4.2	4.2	4.2	.0	.0
Nondurable Goods[f]	64.5	64.7	63.6	- .3	.9
Food and kindred products	6.9	6.9	6.9	.0	.0
Apparel and other textile products	4.1	4.0	4.1	.1	- .1
Paper and allied products	5.6	5.7	5.5	- .1	.1
Printing and publishing	16.0	16.2	15.9	- .2	.1
Chemicals and allied products	15.0	15.0	14.4	.0	.6
Rubber and misc. plastics products	12.1	12.2	11.9	- .1	.2
NONMANUFACTURING[g]	700.2	691.5	680.7	8.7	19.5
CONSTRUCTION	27.7	25.8	25.8	1.9	1.9
TRANSPORTATION AND PUBLIC UTILITIES	40.4	40.0	41.2	.5	- .8
Trucking and warehousing	11.9	11.9	11.7	.0	.2
Communication, electric, gas services	17.4	17.4	18.1	.0	- .7
WHOLESALE TRADE	60.2	60.0	60.2	.2	.0
Wholesale trade-durable goods	41.3	41.2	41.8	.1	- .4
RETAIL TRADE	157.0	154.8	150.5	2.2	6.5
General merchandise stores	20.7	20.6	20.3	.1	.4
FINANCE, INSURANCE, AND REAL ESTATE	55.5	55.4	53.5	.1	2.0
Banking	13.3	13.3	13.2	.0	.1
Credit agencies other than banks	8.7	8.7	8.6	.0	.1
Insurance carriers	14.0	13.9	13.3	.0	.7
SERVICES	241.1	237.0	231.1	4.1	10.0
Business services	55.0	53.9	52.5	1.1	2.5
Amusement and recreation services	7.8	6.3	7.5	1.5	.3
Health services	75.9	75.9	73.8	.0	2.1
Hospitals	42.8	42.9	41.9	.0	1.0
GOVERNMENT	117.3	117.6	117.4	- .3	- .2
Federal government	20.6	20.6	20.3	.0	.3
State government	8.7	8.4	8.8	.3	- .1
State government education[i]	3.4	3.4	3.4	.0	.0
State government, except education	5.3	5.0	5.4	.3	- .1
Local government	88.0	88.6	88.4	- .6	- .4
Local government education	44.7	45.7	43.9	- 1.0	.8
Local government, except education	43.3	42.9	44.4	.4	- 1.2

Hours & Earnings of Production or Nonsupervisory Workers[a]

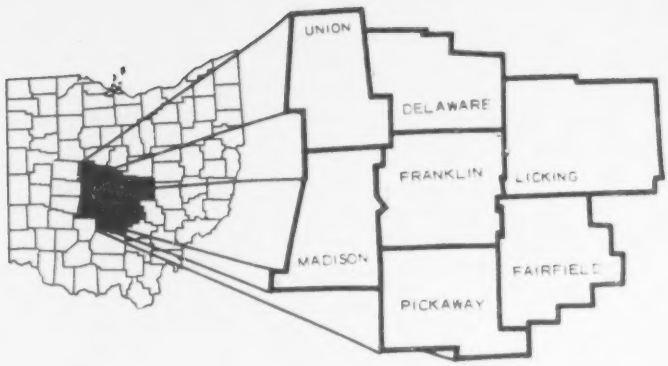
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]
MANUFACTURING	$515.35	$510.26	$494.89	43.6	43.5	42.7	$11.82	$11.73	$11.59
Durable Goods[e]	552.25	547.35	528.26	44.5	44.5	43.3	12.41	12.30	12.20
Primary metal industries	593.67	594.96	639.40	46.2	46.3	46.3	12.85	12.85	13.81
Iron and steel foundries	861.91	860.64	873.44	49.0	48.9	51.5	17.59	17.60	16.96
Fabricated metal products	546.84	533.92	529.00	44.1	43.8	43.9	12.40	12.19	12.05
Fabricated structural metal products	394.76	382.48	401.54	40.2	39.8	42.9	9.82	9.61	9.36
Screw machine products, bolts, etc.	545.69	530.31	468.72	46.8	46.6	43.4	11.66	11.38	10.80
Metal forgings and stampings	683.67	657.90	678.83	45.7	45.0	46.4	14.96	14.62	14.63
Machinery, except electrical	511.29	507.17	481.08	43.7	43.2	42.2	11.70	11.74	11.40
Construction and related machinery	406.77	409.95	396.49	44.7	45.0	44.4	9.10	9.11	8.93
Metalworking machinery	444.14	444.70	411.77	41.2	41.1	39.9	10.78	10.82	10.32
Special industry machinery	478.23	487.55	467.67	40.7	41.6	39.3	11.75	11.72	11.90
General industrial machinery	502.81	487.30	491.00	44.3	43.2	43.8	11.35	11.28	11.21
Electric and electronic equipment	460.28	473.28	427.43	42.5	43.5	40.4	10.83	10.88	10.56
Electrical industrial apparatus	545.29	545.56	469.78	45.9	46.0	41.5	11.88	11.86	11.32
Transportation equipment	763.49	728.68	654.60	48.2	46.8	44.2	15.84	15.57	14.81
Motor vehicles and equipment	855.54	807.77	678.26	49.0	47.1	43.9	17.46	17.15	15.45
Instruments and related products	397.58	425.64	383.13	41.2	43.3	40.5	9.65	9.83	9.46
Measuring and controlling devices	412.27	451.79	391.15	40.3	43.4	40.2	10.23	10.41	9.73
Nondurable Goods[f]	426.62	419.84	417.08	41.5	41.0	41.5	10.28	10.24	10.05
Food and kindred products	400.68	395.51	398.98	42.4	42.3	43.7	9.45	9.35	9.13
Apparel and other textile products	328.75	328.64	313.63	39.8	39.5	39.6	8.26	8.32	7.92
Paper and allied products	476.30	464.12	459.98	42.3	41.7	42.2	11.26	11.13	10.90
Printing and publishing	413.06	412.24	423.31	38.0	38.1	38.8	10.87	10.82	10.91
Chemicals and allied products	517.10	499.23	507.21	43.6	42.2	43.5	11.86	11.83	11.66
Rubber and misc. plastics products	384.07	378.71	380.12	43.3	42.6	43.0	8.87	8.89	8.84
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	571.05	570.65	578.22	40.5	40.5	41.9	14.10	14.09	13.80
WHOLESALE TRADE	407.28	401.05	392.73	38.9	38.6	39.0	10.47	10.39	10.07
RETAIL TRADE[h]	182.88	181.15	180.48	27.5	27.2	28.2	6.65	6.66	6.40
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	304.08	298.20	296.43	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	338.21	337.90	337.46	31.2	31.2	32.7	10.84	10.83	10.32

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1988	March 1988	April 1987
Employment Service Program			
New Applicants	3,769	4,874	7,216
Active File of Job Seekers	61,802	63,562	74,707
Referrals to Jobs	1,881	2,071	2,901
Placements	358	375	646
Job Openings Received	1,387	1,608	1,544
Job Openings Unfilled	3,020	2,885	2,507
Unemployment Insurance Program			
Initial Claims	5,742	7,766	7,035
Continued Claims	67,469	94,711	78,781
First Payments	2,550	3,938	3,050
Last Payments	1,074	1,104	1,313
Weeks Compensated	60,709	81,226	69,393
Benefits Paid	$9,509,761	$12,757,587	$10,395,470
Average Weekly Payment	$158.94	$159.33	$152.80

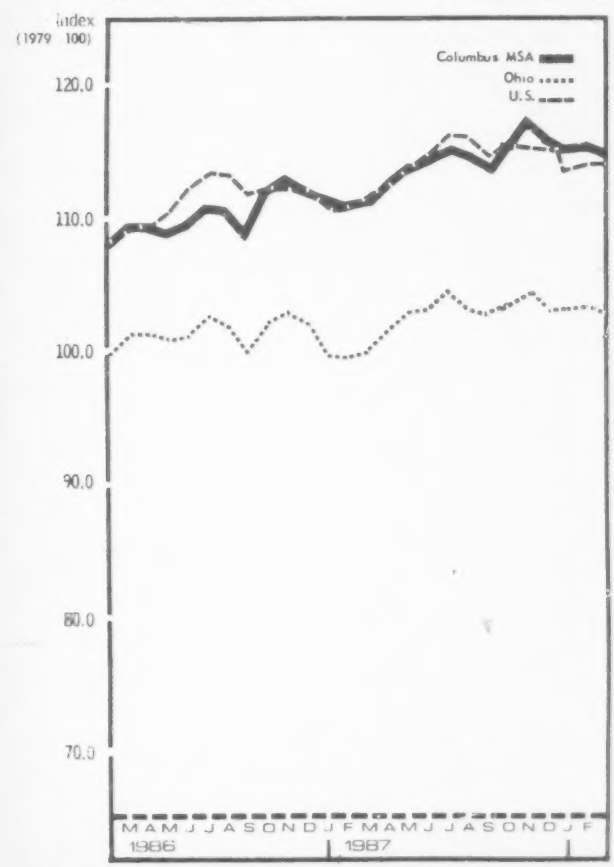
COLUMBUS METROPOLITAN STATISTICAL AREA



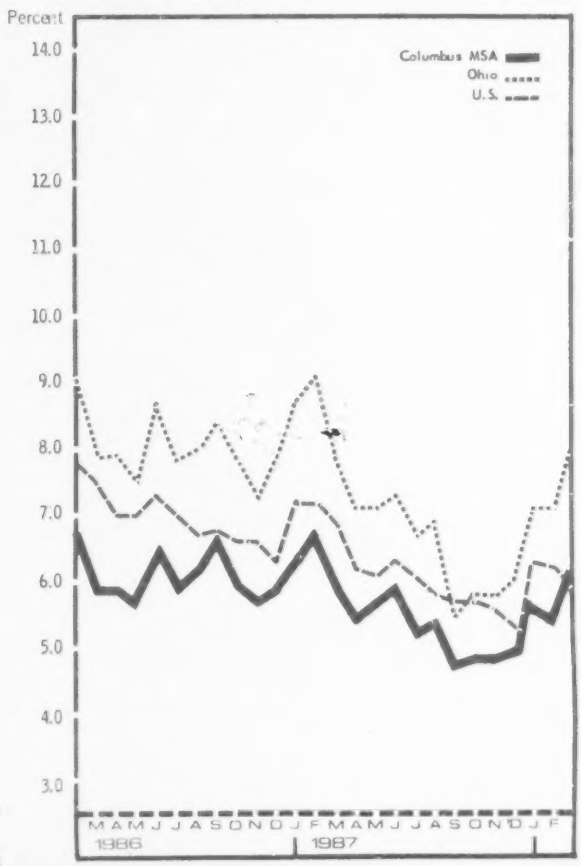
Nonagricultural wage and salary employment in the Columbus metropolitan area totaled 673,900 in April, increasing 6,700 from March 1988. Seasonal gains in services, retail trade, and construction contributed most to the improvement. Manufacturing employment rose 700 over the month. Modest growth occurred in durable- and nondurable-goods industries. Production workers averaged a 41.7 hour workweek, .4 hours longer than in March. They averaged $11.58 per hour, up $.09.

Between April 1987 and April 1988, total nonfarm payroll employment advanced 23,400. The major portion of the growth occurred in services and retail trade. Marked improvements were also noted in construction, finance, insurance, and real estate, and wholesale trade. Total manufacturing employment declined 1,100 over the year, although nondurable-goods industries gained 1,500 workers. Significant reductions were recorded in transportation equipment and stone, clay, and glass products.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

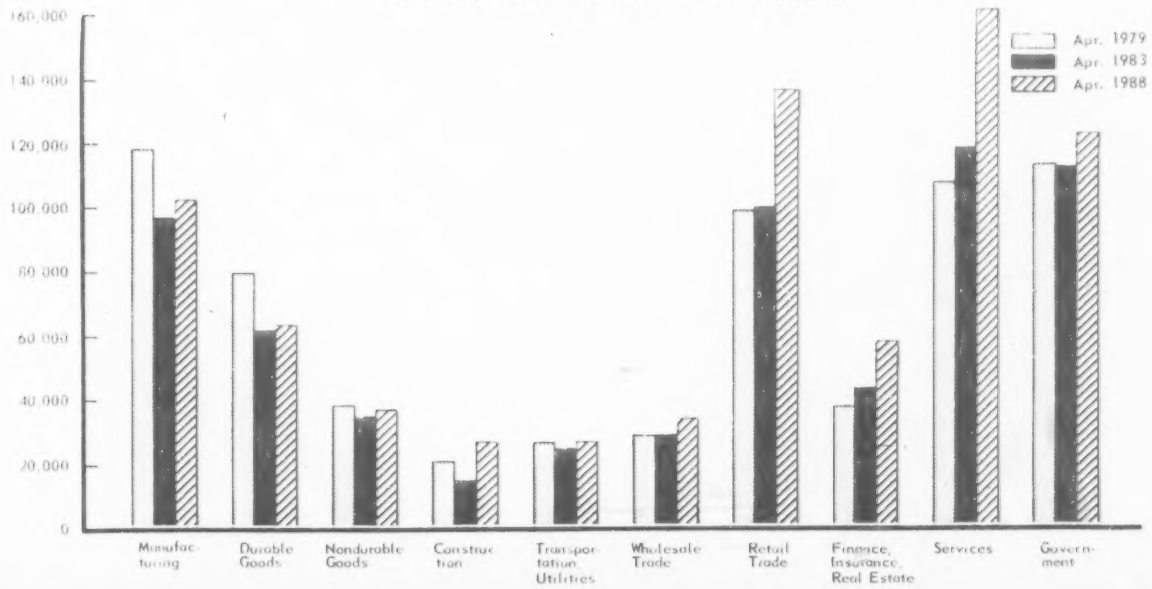


COLUMBUS MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
676.2	634.9	41.3	6.1	1986	630.7	105.8	70.4	461.14	41.1	11.22
694.4	656.9	37.5	5.4	1987	657.7	103.1	68.2	473.52	41.5	11.41
				1987						
682.4	643.0	39.4	5.8	March	647.1	103.4	68.6	477.47	41.7	11.45
687.4	650.8	36.6	5.3	April	650.6	103.3	68.3	466.49	41.1	11.35
696.1	657.1	39.1	5.6	May	657.2	103.4	68.4	474.24	41.6	11.40
699.6	659.1	40.4	5.8	June	660.2	103.2	68.5	473.10	41.5	11.40
700.4	664.4	36.0	5.1	July	652.9	102.5	67.6	474.12	41.3	11.48
696.0	659.2	36.8	5.3	August	657.4	102.9	68.0	467.72	41.1	11.38
686.6	655.0	31.6	4.6	September	662.8	102.8	67.9	477.88	41.7	11.46
699.9	666.7	33.1	4.7	October	670.3	102.9	67.9	483.91	42.3	11.44
707.8	674.3	33.5	4.7	November	674.2	102.7	67.8	484.76	42.3	11.46
704.2	669.8	34.5	4.9	December	676.4	102.3	67.3	475.57	41.9	11.35
				1988						
701.9	662.2	39.8	5.7	January	662.3	102.1	67.0	468.65	41.4	11.32
703.1	665.3	37.8	5.4	February	663.0	101.4	66.3	477.47	41.7	11.45
705.0	661.9	43.1	6.1	March	667.3	101.6	66.4	474.54	41.3	11.49
INA	INA	INA	INA	April	673.9	102.3	66.9	482.89	41.7	11.58

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Columbus MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	April 1988[b]	March 1988[c]	April 1987[c]	From Last Month	From Last Year
TOTAL	673.9	667.3	650.6	6.7	23.4
MANUFACTURING	102.3	101.6	103.3	.7	- 1.1
Durable Goods[e]	64.3	63.8	66.9	.5	- 2.6
Stone, clay, and glass products	9.9	9.8	10.8	.1	- .9
Glass and glassware, pressed or blown.	3.7	3.7	4.2	.0	- .5
Fabricated metal products	9.3	9.1	9.4	.1	- .2
Fabricated structural metal products	2.8	2.8	2.8	.0	.0
Machinery, except electrical	9.3	9.2	9.1	.1	.2
Electric and electronic equipment	10.8	10.8	10.7	.1	.1
Transportation equipment	13.3	13.1	15.3	.2	- 2.1
Instruments and related products	4.2	4.2	4.1	.0	.1
Nondurable Goods[f]	37.9	37.7	36.4	.2	1.5
Food and kindred products	10.5	10.4	9.9	.0	.5
Printing and publishing	10.3	10.3	10.1	.0	.2
Chemicals and allied products	6.7	6.7	6.7	.0	.0
Rubber and misc. plastics products	5.6	5.5	5.1	.1	.6
NONMANUFACTURING[g]	571.7	565.7	547.2	6.0	24.5
CONSTRUCTION	27.7	26.4	25.1	1.3	2.6
TRANSPORTATION AND PUBLIC UTILITIES	28.1	27.9	27.3	.2	.8
Trucking and warehousing	11.6	11.6	11.1	.0	.5
Communication, electric, gas services	11.6	11.6	11.6	.0	.0
WHOLESALE TRADE	35.0	34.9	33.2	.1	1.8
Wholesale trade-durable goods	22.6	22.5	21.5	.1	1.1
RETAIL TRADE	136.4	135.0	130.3	1.4	6.1
General merchandise stores	22.3	22.2	20.9	.1	1.4
FINANCE, INSURANCE, AND REAL ESTATE	58.4	58.4	56.2	.0	2.3
Banking	11.9	11.9	11.4	.0	.5
Insurance carriers	23.2	23.2	22.4	.0	.8
SERVICES	162.0	159.5	153.1	2.6	8.9
Business services	36.8	36.2	34.0	.5	2.8
Health services	40.7	40.7	39.0	.1	1.7
Hospitals	18.1	18.1	17.3	.0	.8
GOVERNMENT	123.0	122.7	121.1	.3	2.0
Federal government	15.2	15.2	15.7	.0	- .6
State government	55.2	55.1	53.9	.2	1.3
State government education[1]	24.1	24.1	23.5	.0	.6
State government, except education	31.1	30.9	30.5	.2	.7
Local government	52.6	52.5	51.4	.2	1.2
Local government education	32.5	32.6	30.9	- .1	1.6
Local government, except education	20.1	19.9	20.5	.2	- .3

Hours & Earnings of Production or Nonsupervisory Workers[a]

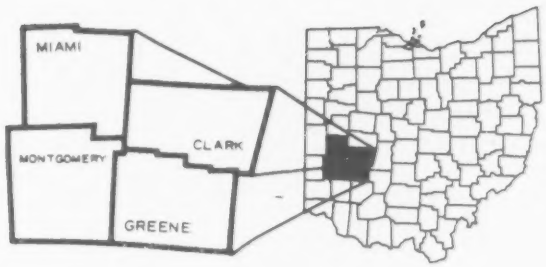
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]
MANUFACTURING	$482.89	$474.54	$466.49	41.7	41.3	41.1	$11.58	$11.49	$11.35
Durable Goods[e]	494.00	482.38	477.51	41.9	41.3	41.2	11.79	11.68	11.59
Stone, clay, and glass products	476.19	479.81	471.23	40.7	40.8	41.3	11.70	11.76	11.41
Glass and glassware, pressed or blown.	436.91	437.49	410.94	39.9	39.7	39.1	10.95	11.02	10.51
Fabricated metal products	518.68	488.35	497.30	41.1	39.8	40.3	12.62	12.27	12.34
Fabricated structural metal products	453.47	440.64	459.13	41.3	40.5	41.4	10.98	10.88	11.09
Machinery, except electrical	450.05	441.79	420.15	42.1	41.6	39.9	10.69	10.62	10.53
Electric and electronic equipment	464.02	454.62	460.63	41.1	40.7	40.8	11.29	11.17	11.29
Transportation equipment	612.32	603.42	565.47	43.8	43.6	43.1	13.98	13.84	13.12
Instruments and related products	423.05	421.02	430.98	40.6	40.6	41.6	10.42	10.37	10.36
Nondurable Goods[f]	463.14	458.84	444.58	41.5	41.3	40.9	11.16	11.11	10.87
Food and kindred products	460.90	451.00	449.86	41.9	41.3	41.5	11.00	10.92	10.84
Printing and publishing	534.04	527.24	494.69	39.5	39.2	38.2	13.52	13.45	12.95
Chemicals and allied products	554.88	560.53	526.12	42.1	42.4	41.2	13.18	13.22	12.77
Rubber and misc. plastics products	358.68	352.79	358.52	42.7	42.2	43.3	8.40	8.36	8.28
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	602.62	582.61	570.87	42.2	41.0	41.7	14.28	14.21	13.69
WHOLESALE TRADE	342.04	340.38	344.42	37.3	37.2	38.1	9.17	9.15	9.04
RETAIL TRADE[h]	179.71	180.41	168.88	28.8	28.5	28.1	6.24	6.33	6.01
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	262.31	264.27	254.74	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	335.20	333.88	322.85	34.1	34.0	33.7	9.83	9.82	9.58

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1988	March 1988	April 1987
Employment Service Program			
New Applicants	3,935	4,431	6,249
Active File of Job Seekers	31,784	33,817	36,056
Referrals to Jobs	2,536	2,606	4,824
Placements	570	683	668
Job Openings Received	1,656	1,283	3,036
Job Openings Unfilled	2,598	2,431	6,461
Unemployment Insurance Program			
Initial Claims	3,518	4,091	4,833
Continued Claims	41,118	55,014	47,925
First Payments	1,817	2,583	1,802
Last Payments	796	800	674
Weeks Compensated	35,896	50,967	42,774
Benefits Paid	$5,645,024	$8,085,268	$6,517,067
Average Weekly Payment	$160.72	$161.48	$155.52

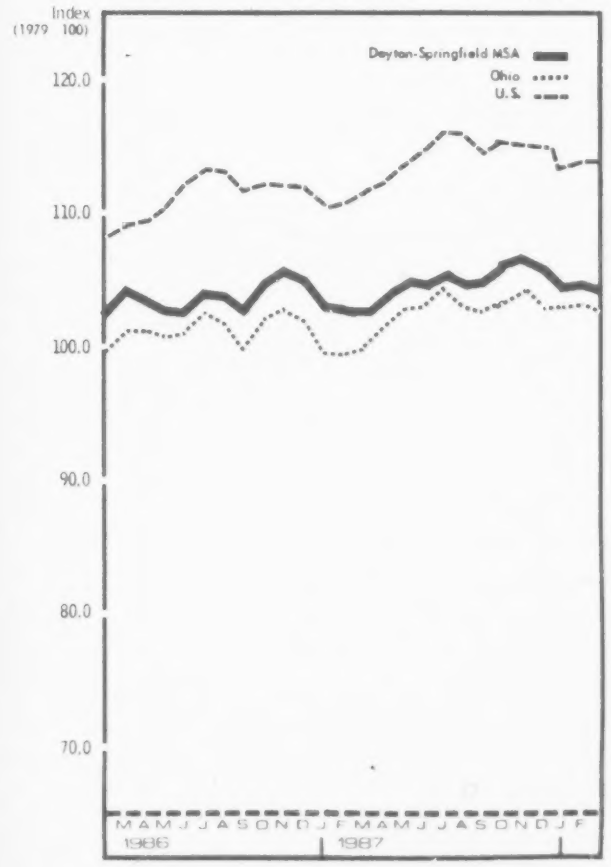
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



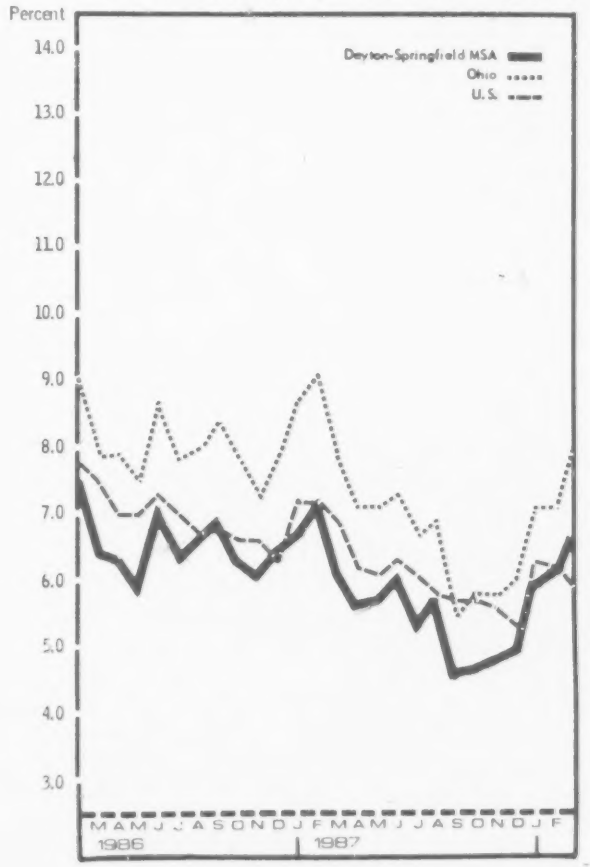
In April 1988, nonagricultural payroll employment in the Dayton-Springfield metropolitan area advanced 4,100 from March, to 434,700. Seasonal expansion in construction, retail trade, and services contributed most to the improvement. Manufacturing industries gained 300 jobs over the month due to modest increases in transportation equipment and fabricated metal products. Factory production worker average hourly earnings increased $.20 from March, to $12.68 per hour in April. They worked .5 hours longer for an average workweek of 43.7 hours.

The total nonfarm wage and salary workforce increased 8,300 between April 1987 and April 1988. The gain occurred in the nonmanufacturing sector. Major growth industries were services, especially business services, retail trade, and construction. Lost jobs in transportation equipment helped lower total manufacturing employment 1,100 during the period.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

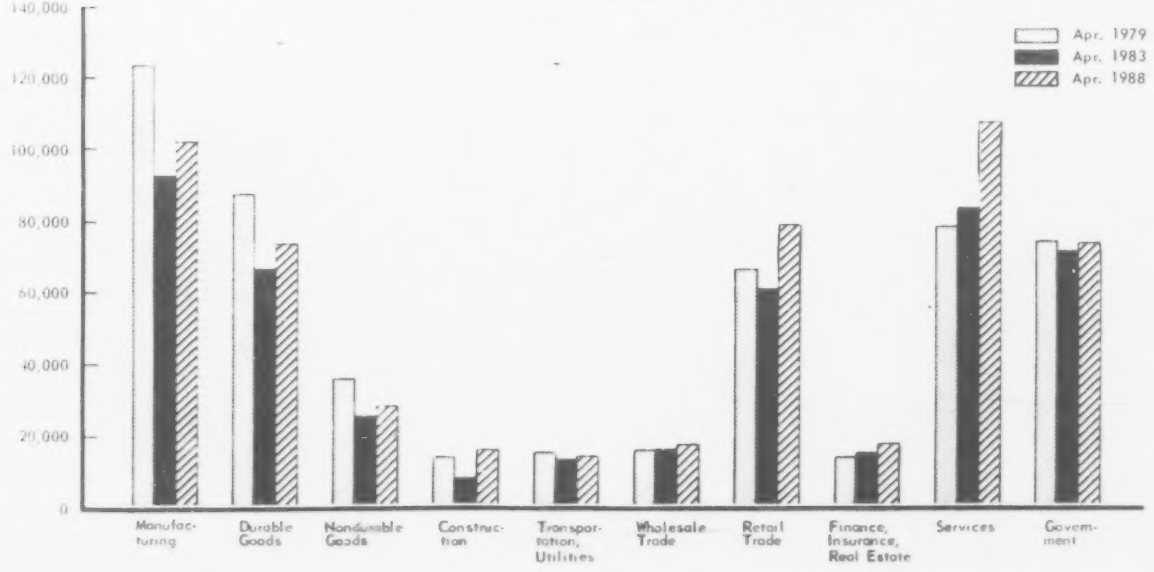


DAYTON-SPRINGFIELD MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
460.5	430.1	30.3	6.6	1986	419.4	105.7	68.2	514.88	42.8	12.03
461.9	435.8	26.1	5.7	1987	427.9	103.8	66.7	499.38	42.0	11.89
				1987						
455.5	427.8	27.8	6.1	March	421.9	103.3	66.4	494.15	41.7	11.85
460.8	434.8	26.0	5.6	April	426.5	103.9	67.0	486.10	41.3	11.77
464.3	437.5	26.8	5.8	May	429.3	104.0	67.0	486.04	41.4	11.74
464.9	436.5	28.4	6.1	June	428.7	104.2	67.0	502.18	42.2	11.90
464.6	439.8	24.8	5.3	July	423.8	103.6	65.8	492.19	41.5	11.86
463.0	436.1	26.9	5.8	August	426.3	104.2	66.4	492.89	41.7	11.82
457.4	436.5	20.9	4.6	September	433.1	104.7	67.6	487.69	41.4	11.78
462.2	440.4	21.8	4.7	October	434.2	103.6	66.7	507.37	42.6	11.91
467.8	445.3	22.6	4.8	November	436.6	103.6	67.0	512.83	42.7	12.01
464.0	440.4	23.6	5.1	December	435.9	103.2	66.5	517.02	42.8	12.08
				1988						
463.7	436.1	27.6	5.9	January	427.4	102.4	65.4	507.24	42.2	12.02
465.9	437.2	28.6	6.1	February	426.9	101.9	65.0	516.86	42.4	12.19
466.2	435.7	30.6	6.6	March	430.6	102.5	65.6	539.14	43.2	12.48
INA	INA	INA	INA	April	434.7	102.8	66.0	554.12	43.7	12.68

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Dayton-Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	April 1988[b]	March 1988[c]	April 1987[c]	From Last Month	From Last Year
TOTAL	434.7	430.6	426.5	4.1	8.3
MANUFACTURING	102.8	102.5	103.9	.3	- 1.1
Durable Goods[e]	74.0	73.8	75.0	.3	- 1.0
Fabricated metal products	8.3	8.2	8.4	.1	- .1
Machinery, except electrical	30.4	30.4	30.2	.0	.1
Metalworking machinery	6.6	6.6	6.6	.0	.0
General industrial machinery	2.8	2.8	2.6	.0	.2
Electric and electronic equipment	5.8	5.8	6.0	.0	- .2
Electrical industrial apparatus	3.5	3.5	3.6	.0	- .2
Transportation equipment	20.2	20.0	21.2	.2	- .9
Nondurable Goods[f]	28.7	28.7	28.9	.0	- .2
Food and kindred products	2.7	2.7	2.8	.0	- .1
Paper and allied products	6.0	6.0	5.8	.0	.2
Printing and publishing	8.7	8.7	8.6	.0	.1
Rubber and misc. plastics products	7.7	7.7	8.1	.0	- .3
NONMANUFACTURING[g]	332.0	328.1	322.6	3.9	9.4
CONSTRUCTION	16.9	15.5	15.1	1.5	1.8
TRANSPORTATION AND PUBLIC UTILITIES	15.4	15.3	15.2	.1	.2
Communication, electric, gas services	5.3	5.3	5.5	.0	- .2
WHOLESALE TRADE	18.8	18.7	18.5	.1	.3
Wholesale trade-durable goods	12.4	12.4	12.2	.0	.2
RETAIL TRADE	79.8	78.6	76.8	1.2	2.9
General merchandise stores	11.9	11.9	11.7	.0	.2
FINANCE, INSURANCE, AND REAL ESTATE	18.1	17.9	17.6	.2	.5
Banking	4.2	4.1	4.2	.0	- .1
Credit agencies other than banks	4.9	4.8	4.7	.1	.3
Insurance carriers	2.7	2.7	3.0	.0	- .3
SERVICES	108.4	107.3	103.8	1.2	4.7
Business services	26.7	26.3	24.7	.4	2.0
Health services	36.0	36.0	35.5	.0	.5
Hospitals	18.4	18.4	18.5	.0	- .1
Educational services	8.6	8.6	8.2	- .1	.4
GOVERNMENT	74.2	74.5	75.2	- .3	- .9
Federal government	28.1	28.2	27.7	.0	.4
State government	7.5	7.5	7.4	.0	.1
State government education[1]	4.6	4.6	4.5	.0	.1
State government, except education	2.9	2.9	2.8	.0	.1
Local government	38.6	38.9	40.1	- .3	- 1.5
Local government education	23.9	24.3	25.5	- .4	- 1.6
Local government, except education	14.7	14.6	14.6	.1	.1

Dayton-Springfield MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

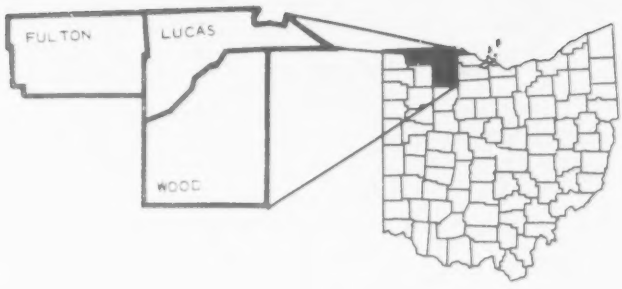
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]
MANUFACTURING	$554.12	$539.14	$486.10	43.7	43.2	41.3	$12.68	$12.48	$11.77
Durable Goods[e]	565.87	551.61	490.32	43.9	43.4	41.1	12.89	12.71	11.93
Fabricated metal products	387.50	396.16	368.92	41.4	42.1	40.1	9.36	9.41	9.20
Machinery, except electrical	582.54	579.91	525.41	43.8	43.8	41.6	13.30	13.24	12.63
Metalworking machinery	538.90	553.13	502.86	44.5	45.6	42.4	12.11	12.13	11.86
General industrial machinery	452.19	453.48	404.91	42.3	42.5	38.6	10.69	10.67	10.49
Electric and electronic equipment	451.80	445.55	421.18	44.6	44.6	43.6	10.13	9.99	9.66
Electrical industrial apparatus	525.54	515.50	495.00	46.1	45.7	45.0	11.40	11.28	11.00
Transportation equipment	741.29	692.64	572.27	46.1	44.4	40.5	16.08	15.60	14.13
Nondurable Goods[f]	520.65	503.86	473.47	43.1	42.7	41.9	12.08	11.80	11.30
Food and kindred products	305.87	336.41	343.62	35.9	39.3	41.5	8.52	8.56	8.28
Paper and allied products	521.27	515.13	513.24	46.5	46.2	47.0	11.21	11.15	10.92
Printing and publishing	456.91	442.80	428.47	41.2	40.0	39.6	11.09	11.07	10.82
Rubber and misc. plastics products	689.75	644.36	568.83	44.3	42.9	40.2	15.57	15.02	14.15
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	531.19	572.11	542.53	39.7	41.1	40.7	13.38	13.92	13.33
WHOLESALE TRADE	411.84	414.80	403.74	39.6	40.0	40.7	10.40	10.37	9.92
RETAIL TRADE[h]	161.52	160.38	157.08	27.8	27.7	27.9	5.81	5.79	5.63
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	369.18	367.08	360.70	34.6	34.5	33.9	10.67	10.64	10.64

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1988	March 1988	April 1987
Employment Service Program			
New Applicants	2,424	2,775	2,669
Active File of Job Seekers	20,211	20,630	23,780
Referrals to Jobs	1,566	1,782	1,814
Placements	274	501	463
Job Openings Received	954	875	915
Job Openings Unfilled	1,781	1,973	1,942
Unemployment Insurance Program			
Initial Claims	2,109	2,310	2,623
Continued Claims	24,092	35,714	29,696
First Payments	1,028	1,616	1,186
Last Payments	433	504	546
Weeks Compensated	23,407	33,252	27,723
Benefits Paid	$3,398,523	$4,892,895	$3,918,513
Average Weekly Payment	$148.19	$148.70	$143.08

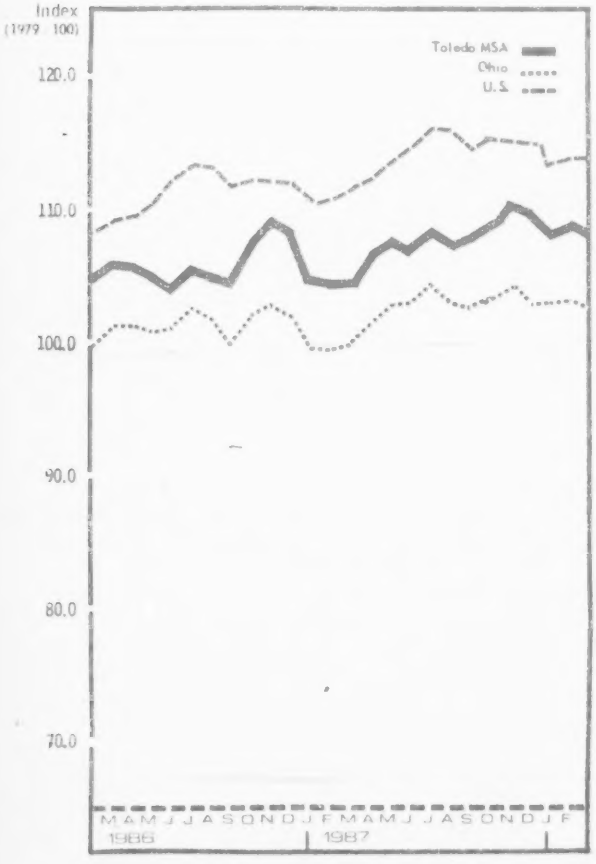
TOLEDO METROPOLITAN STATISTICAL AREA



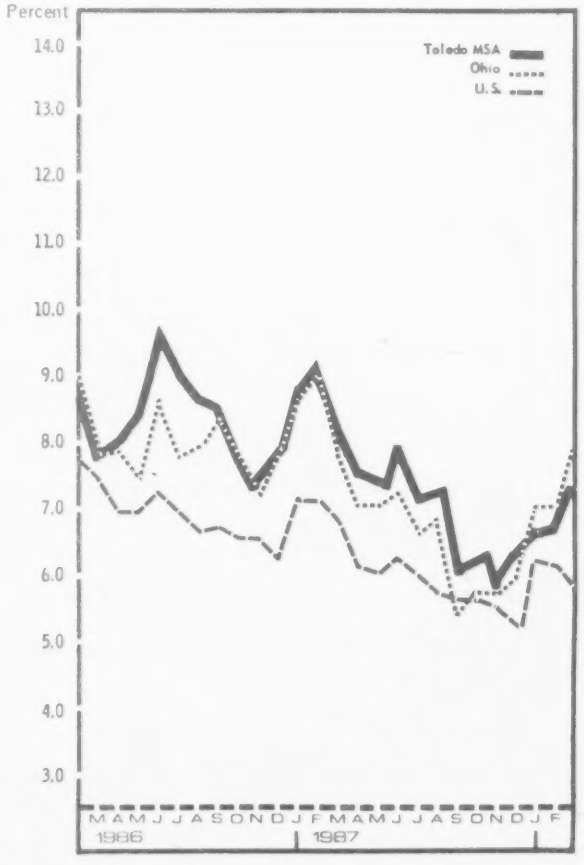
In the Toledo metropolitan area, nonfarm payroll employment was 3,100 higher than in March, totaling 287,100 in April 1988. Nonmanufacturing industries provided 93.5 percent of the increase due chiefly to seasonal growth in services, construction, and retail trade. The manufacturing workforce added 200 jobs over the month, to 62,000 in April. Production workers averaged $13.23 per hour, up $.04 from last month. Their average workweek was .3 hours longer, at 43.4 hours.

Nonagricultural wage and salary employment advanced 9,700 from April 1987 to April 1988. The gain was concentrated in nonmanufacturing industries. Major growth sectors were services, retail trade, and construction. Manufacturing employment decreased 100 over the year. A reduction in motor vehicles and equipment more than outweighed a modest increase in stone, clay, and glass products.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

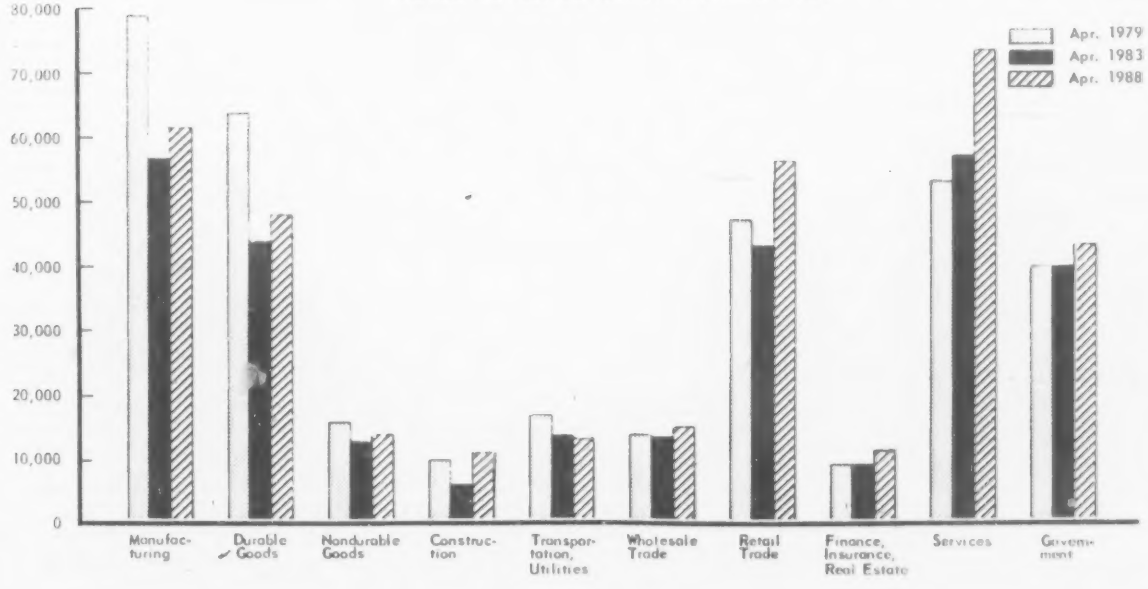


TOLEDO MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment					
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
307.1	281.2	25.8	8.4	1986	272.0	63.4	44.2	527.03	42.4	12.43
308.9	286.4	22.5	7.3	1987	279.4	62.1	43.6	540.60	42.5	12.72
				1987						
303.4	279.0	24.4	8.0	March	273.4	61.9	43.6	543.56	42.8	12.70
307.9	284.8	23.0	7.5	April	277.4	62.0	43.8	537.21	42.4	12.67
310.3	287.5	22.8	7.3	May	280.2	61.8	43.4	532.55	41.9	12.71
309.9	285.5	24.4	7.9	June	278.5	62.0	43.7	529.19	41.8	12.66
311.6	289.6	22.0	7.1	July	277.2	61.6	42.9	523.27	41.3	12.67
308.3	286.0	22.3	7.2	August	277.7	62.5	43.7	534.66	42.4	12.61
305.9	287.5	18.3	6.0	September	283.4	62.9	44.0	539.33	42.4	12.72
311.2	291.7	19.5	6.3	October	285.8	61.6	43.1	536.78	42.1	12.75
313.6	295.5	18.1	5.8	November	287.9	62.4	43.7	548.27	42.8	12.81
313.2	293.4	19.8	6.3	December	288.6	62.5	44.5	556.84	43.3	12.86
				1988						
309.5	289.1	20.4	6.6	January	281.5	62.2	44.6	572.47	43.7	13.10
311.3	290.4	20.9	6.7	February	281.5	61.8	44.1	526.58	41.3	12.75
312.2	289.4	22.8	7.3	March	284.0	61.8	44.1	568.49	43.1	13.19
INA	INA	INA	INA	April	287.1	62.0	44.2	574.18	43.4	13.23

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	April 1988[b]	March 1988[c]	April 1987[c]	From Last Month	From Last Year
TOTAL	287.1	284.0	277.4	3.1	9.7
MANUFACTURING	62.0	61.8	62.0	.2	- .1
Durable Goods[e]	48.0	47.9	48.0	.1	.0
Stone, clay, and glass products	8.3	8.3	7.8	.0	.5
Primary metal industries	3.5	3.5	3.5	.1	.0
Fabricated metal products	7.7	7.6	7.7	.1	.0
Metal forgings and stampings	3.3	3.3	3.4	.0	- .1
Machinery, except electrical	6.2	6.2	6.2	.0	.0
Electric and electronic equipment	2.2	2.3	2.5	- .1	- .3
Transportation equipment	15.5	15.4	16.0	.1	- .6
Motor vehicles and equipment	14.4	14.5	15.1	.0	- .7
Nondurable Goods[f]	14.0	13.9	14.0	.1	- .1
Food and kindred products	3.7	3.6	3.5	.1	.1
Rubber and misc. plastics products	3.1	3.1	2.9	.0	.2
NONMANUFACTURING[g]	225.1	222.3	215.4	2.9	9.8
CONSTRUCTION	11.4	10.5	9.6	.8	1.8
TRANSPORTATION AND PUBLIC UTILITIES	13.7	13.5	13.5	.2	.2
Trucking and warehousing	5.4	5.4	5.2	.0	.1
Communication, electric, gas services	5.0	5.0	4.9	.0	.1
WHOLESALE TRADE	15.1	15.0	14.5	.1	.6
Wholesale trade-durable goods	9.9	9.8	9.6	.0	.2
RETAIL TRADE	56.0	55.3	53.2	.7	2.8
General merchandise stores	7.2	7.2	7.5	.0	- .3
FINANCE, INSURANCE, AND REAL ESTATE	11.2	11.2	11.2	.0	.0
Banking	3.6	3.6	3.5	.0	.1
SERVICES	73.9	72.6	70.1	1.3	3.8
Business services	15.6	15.3	14.1	.3	1.5
Health services	27.2	27.2	26.8	.0	.5
Hospitals	15.2	15.2	15.1	.0	.1
GOVERNMENT	43.6	44.0	43.0	- .4	.6
State government	16.5	16.5	16.2	.0	.3
State government education[i]	12.4	12.4	12.2	- .1	.2
State government, except education	4.1	4.1	4.0	.0	.1
Local government	24.5	24.9	24.2	- .3	.4
Local government education	14.1	14.4	13.9	- .3	.2
Local government, except education	10.4	10.4	10.3	.0	.2

Toledo MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

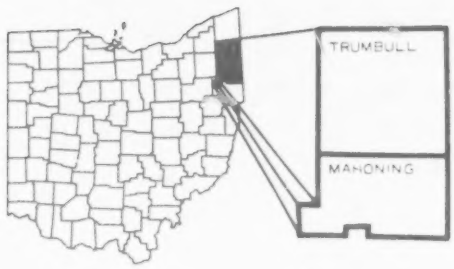
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]
MANUFACTURING	$574.18	$568.49	$537.21	43.4	43.1	42.4	$13.23	$13.19	$12.67
Durable Goods[e]	599.87	591.84	560.62	43.5	43.2	42.6	13.79	13.70	13.16
Stone, clay, and glass products	507.53	532.30	511.52	39.9	41.2	40.5	12.72	12.92	12.63
Primary metal industries	489.72	484.27	507.05	43.3	43.2	44.4	11.31	11.21	11.42
Fabricated metal products	537.60	540.58	546.74	42.0	42.2	43.6	12.80	12.81	12.54
Metal forgings and stampings	702.52	687.73	670.60	45.5	44.6	45.9	15.44	15.42	14.61
Machinery, except electrical	515.14	510.94	464.39	43.0	42.9	40.7	11.98	11.91	11.41
Electric and electronic equipment	519.02	506.35	509.64	42.3	41.2	41.1	12.27	12.29	12.40
Transportation equipment	778.77	743.36	662.02	46.3	44.7	43.1	16.82	16.63	15.36
Motor vehicles and equipment	788.64	750.40	665.03	46.5	44.8	43.1	16.96	16.75	15.43
Nondurable Goods[f]	476.19	476.58	451.36	42.9	42.4	41.6	11.10	11.24	10.85
Food and kindred products	557.53	590.95	529.13	43.9	44.2	42.5	12.70	13.37	12.45
Rubber and misc. plastics products	363.29	336.61	336.58	43.3	41.1	41.4	8.39	8.19	8.13
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	604.86	617.40	583.67	41.6	42.0	41.9	14.54	14.70	13.93
WHOLESALE TRADE	370.36	372.10	355.89	38.7	38.6	37.7	9.57	9.64	9.44
RETAIL TRADE[h]	163.81	161.58	161.21	29.2	28.7	29.1	5.61	5.63	5.54

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1988	March 1988	April 1987
Employment Service Program			
New Applicants	1,903	2,315	2,260
Active File of Job Seekers	18,279	19,031	20,742
Referrals to Jobs	1,050	1,247	1,459
Placements	279	243	311
Job Openings Received	565	519	839
Job Openings Unfilled	906	835	1,306
Unemployment Insurance Program			
Initial Claims	2,818	2,983	4,197
Continued Claims	22,330	30,822	32,855
First Payments	871	1,586	1,203
Last Payments	286	328	374
Weeks Compensated	18,476	26,414	24,095
Benefits Paid	$2,775,707	$4,052,640	$3,534,397
Average Weekly Payment	$153.36	$156.13	$149.92

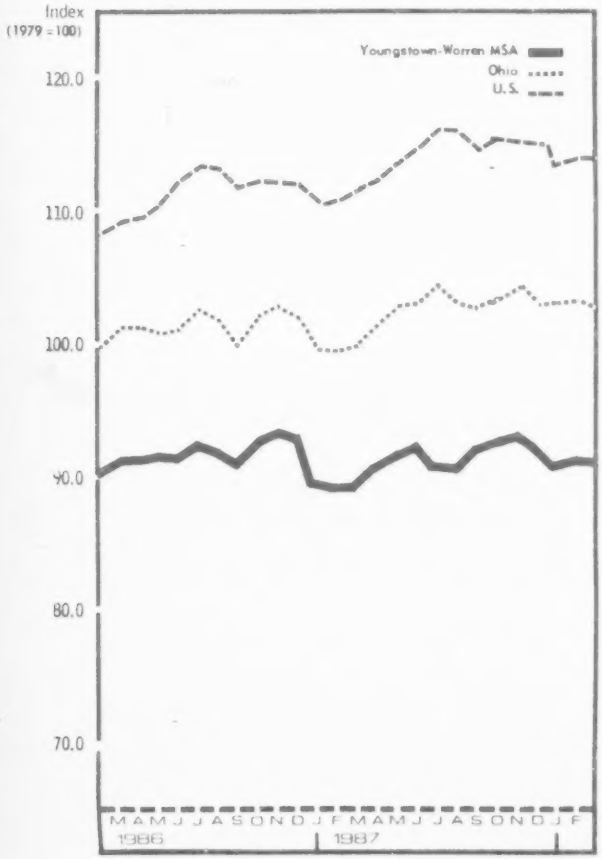
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



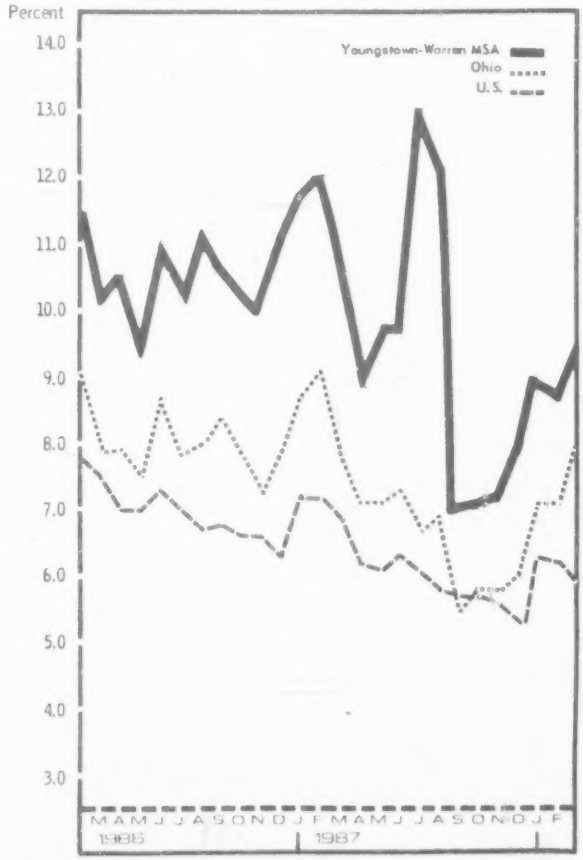
Nonagricultural wage and salary employment in the Youngstown-Warren metropolitan area rose 3,200 from March, to 193,000 in April 1988. Seasonal gains in construction, services, and retail trade contributed most to the improvement. The manufacturing labor force gained 600 workers during the month with modest growth in primary metal industries and fabricated metal products. Factory production workers earned an average of $13.58 per hour, $.17 more than last month. Their average workweek increased .6 hours, to 42.2 hours.

Between April 1987 and April 1988, total nonfarm employment gained 5,600 jobs. The major portion of the growth occurred in retail trade and services. Significant improvements were also noted in construction and wholesale trade. Manufacturing employment advanced 400 over the year. Modest expansion was posted in primary metal industries and fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

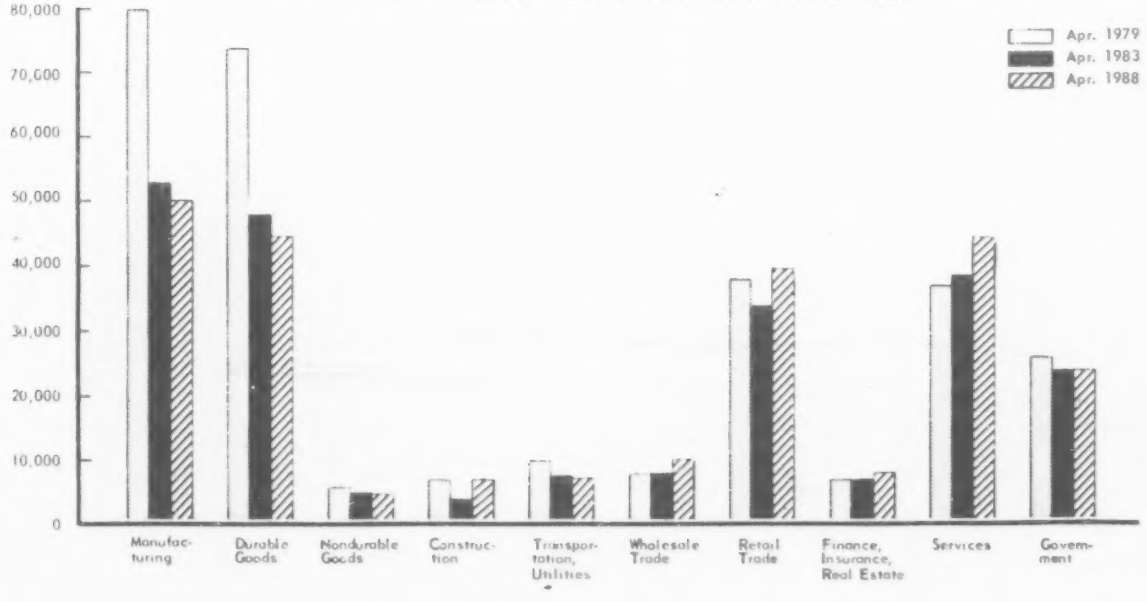


YOUNGSTOWN-WARREN MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	$313.50	40.4	$ 7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
223.7	200.0	23.7	10.6	1986	187.1	51.7	38.7	553.28	41.6	13.30
221.3	199.7	21.5	9.7	1987	188.1	48.8	36.6	567.91	42.7	13.30
				1987						
217.9	195.5	22.4	10.3	March	185.2	49.6	37.2	579.79	43.3	13.39
218.4	199.1	19.3	8.8	April	187.4	49.7	37.4	571.94	43.1	13.27
223.0	201.5	21.5	9.7	May	189.6	49.1	36.8	565.78	42.7	13.25
224.1	202.4	21.7	9.7	June	190.8	49.2	36.9	566.67	42.8	13.24
228.0	198.4	29.6	13.0	July	183.4	43.8	31.5	541.80	42.0	12.90
225.2	197.9	27.4	12.1	August	185.5	45.9	33.8	548.98	42.1	13.04
216.6	201.6	15.0	6.9	September	191.8	50.5	38.2	581.52	43.3	13.43
218.8	203.3	15.5	7.1	October	191.8	49.8	37.8	566.67	42.8	13.24
220.2	204.5	15.8	7.2	November	191.9	49.7	37.8	566.89	42.4	13.37
219.1	201.7	17.4	7.9	December	191.5	49.4	37.6	560.03	41.7	13.43
				1988						
218.9	199.2	19.7	9.0	January	187.3	49.1	37.3	557.61	41.8	13.34
219.9	200.7	19.2	8.7	February	187.9	49.2	37.4	554.86	41.5	13.37
221.3	200.4	20.9	9.5	March	189.8	49.5	37.7	557.86	41.6	13.41
INA	INA	INA	INA	April	193.0	50.1	38.3	573.08	42.2	13.58

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	April 1988[b]	March 1988[c]	April 1987[c]	From Last Month	From Last Year
TOTAL	193.0	189.8	187.4	3.2	5.6
MANUFACTURING	50.1	49.5	49.7	.6	.4
Durable Goods[e]	44.9	44.5	44.5	.5	.4
Primary metal industries	18.8	18.6	18.4	.2	.4
Blast furnace and basic steel products	5.6	5.7	5.5	.0	.1
Fabricated metal products	7.6	7.5	7.3	.2	.3
Machinery, except electrical	3.7	3.8	3.8	.0	- .1
Electric and electronic equipment	2.1	2.2	2.3	.0	- .2
Transportation equipment	9.6	9.5	9.6	.1	.0
Nondurable Goods[f]	5.2	5.1	5.2	.1	- .1
NONMANUFACTURING[g]	142.9	140.2	137.6	2.7	5.2
CONSTRUCTION	7.5	6.4	6.7	1.2	.8
TRANSPORTATION AND PUBLIC UTILITIES	7.6	7.6	7.5	.1	.1
Communication, electric, gas services	3.0	3.0	3.0	.0	.0
WHOLESALE TRADE	10.1	9.9	9.3	.2	.8
Wholesale trade-durable goods	6.2	6.1	5.9	.1	.3
RETAIL TRADE	39.7	39.1	37.9	.7	1.8
General merchandise stores	5.1	5.1	5.3	.0	- .2
FINANCE, INSURANCE, AND REAL ESTATE	8.3	8.2	8.1	.1	.1
Banking	2.9	2.8	2.8	.0	.1
SERVICES	44.8	43.8	43.4	1.0	1.4
Health services	19.6	19.4	19.3	.2	.3
Hospitals	10.0	9.9	10.1	.1	- .1
GOVERNMENT	24.2	24.8	24.0	- .6	.2
State government	4.1	4.4	4.0	- .3	.1
State government education[1]	2.6	2.9	2.6	- .4	.0
State government, except education	1.5	1.5	1.5	.0	.0
Local government	18.1	18.2	18.0	- .2	.1
Local government education	11.8	12.0	11.7	- .2	.1
Local government, except education	6.2	6.2	6.2	.0	.0

Youngstown-Warren MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]	Apr. 1988[b]	Mar. 1988[c]	Apr. 1987[c]
MANUFACTURING	$573.08	$557.86	$571.94	42.2	41.6	43.1	$13.58	$13.41	$13.27
Durable Goods[e]	587.24	570.57	589.37	42.4	41.8	43.4	13.85	13.65	13.58
Primary metal industries	647.58	609.44	606.61	43.0	41.6	42.9	15.06	14.65	14.14
Blast furnace and basic steel products	602.00	554.24	637.56	44.2	47.0	46.1	13.62	13.92	13.83
Fabricated metal products	572.29	548.70	547.96	42.9	41.6	41.2	13.34	13.19	13.30
Machinery, except electrical	471.96	485.06	475.86	41.4	42.4	41.2	11.40	11.44	11.55
Electric and electronic equipment	450.96	451.36	439.01	40.7	40.7	40.8	11.08	11.09	10.76
Transportation equipment	618.62	623.66	715.73	42.4	42.6	48.1	14.59	14.64	14.88
Nondurable Goods[f]	410.17	409.37	398.78	39.9	39.4	40.2	10.28	10.39	9.92
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	541.11	542.70	540.50	39.7	39.7	40.7	13.63	13.67	13.28
WHOLESALE TRADE	359.64	350.41	338.69	38.3	37.8	37.8	9.39	9.27	8.96
RETAIL TRADE[h]	173.98	172.49	171.40	28.9	28.7	29.1	6.02	6.01	5.89

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1988	March 1988	April 1987
Employment Service Program			
New Applicants	1,837	2,338	1,848
Active File of Job Seekers	18,458	17,773	21,875
Referrals to Jobs	1,232	1,058	1,191
Placements	364	224	295
Job Openings Received	795	489	520
Job Openings Unfilled	970	749	593
Unemployment Insurance Program			
Initial Claims	2,141	3,051	4,478
Continued Claims	20,335	26,928	28,019
First Payments	784	1,432	1,120
Last Payments	321	270	442
Weeks Compensated	17,780	25,066	25,749
Benefits Paid	$2,555,070	$3,700,081	$3,640,265
Average Weekly Payment	$147.05	$150.72	$146.28

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	40	.2
Manufacturing	56	.3
Nonmanufacturing	35	.2
Mining	56	1.1
Construction	17	1.1
Transportation and Public Utilities	43	.3
Wholesale Trade	19	.3
Retail Trade	20	.4
Finance, Insurance, and Real Estate	42	.2
Services	26	.3
Government	70	.3

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than .2 percent from the actual change.

Nonagricultural Employment. Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1987 benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues, also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

Ohio

	April 1988	March 1988	April 1987
New Applicants	34,539	40,729	42,612
Active File of Job Seekers	286,310	297,532	337,571
Counseling Interviews	1,242	1,410	1,729
Tests Administered	5,083	4,432	4,393
General Aptitude Tests	301	380	878
Proficiency Tests	486	456	600
Specific Aptitude Tests	1,477	1,063	655
Referrals to Jobs	24,512	25,632	28,655
Placements	5,565	5,521	5,936
Job Openings Received	13,022	12,420	15,472
Job Openings Unfilled	20,838	19,562	25,951

Selected Unemployment Insurance Activities

	April 1988	March 1988	April 1987
Initial Claims	38,395	46,783	54,816
Continued Claims	421,800	587,431	521,977
First Payments	17,325	26,894	20,064
Last Payments	6,878	8,581	8,677
Average Weekly Claimants	101,491	126,378	117,813
Average Weekly Benefit Recipients	89,215	114,848	101,157
Weeks Compensated	374,933	530,537	457,704
Benefits Paid	$57,129,907	$81,677,838	$67,451,284
Average Weekly Payment	$155.71	$156.95	$150.06
Continued Claims for Survey Week	98,729	126,347	109,357
Insured Unemployment Rate	2.3	2.9	2.8
Net Contributions	$74,964,221	$4,530,769	$132,036,275
Active Employer Accounts	200,411	199,798	194,529

Labor Market Review

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Ohio Bureau of Employment Services
Labor Market Information Division
145 South Front Street
P.O. Box 1618
Columbus, Ohio 43216

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CONGRESSIONAL INFO. SERVICE
4520 EAST-WAY HWY.
BETHESDA MD 20814